



Library of  
Wellesley College



Purchased from  
The Horsford Fund

Nº













CATALOGUE  
OF THE  
COLEOPTERA  
OF  
AMERICA, NORTH OF MEXICO

BY  
CHARLES W. LENG, B.Sc.

Director  
MUSEUM, STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES  
Research Associate  
AMERICAN MUSEUM OF NATURAL HISTORY

---

Mount Vernon, N. Y.  
JOHN D. SHERMAN, JR.  
1920

3498 8

COPYRIGHT, 1920  
BY  
JOHN D. SHERMAN, JR.  
MOUNT VERNON,  
NEW YORK.

111327

SCIENCE

9QL  
581  
L4

Printed by  
THE COSMOS PRESS  
Cambridge, Mass.  
U. S. A.

DEDICATED TO  
SAMUEL HENSHAW

IN GRATEFUL RECOGNITION OF THE SERVICE TO COLEOPTERISTS  
OF THAT LIST OF THE COLEOPTERA WHICH FOR THIRTY-FIVE YEARS  
HAS BEEN THE INDISPENSABLE AND ACCURATE GUIDE FOR ALL  
STUDENTS OF THE NORTH AMERICAN SPECIES





## PREFACE

---

The aim of this catalogue is to enumerate systematically all the species of Coleoptera described prior to January 1, 1919, which occur in America, north of Mexico, Greenland included; with consecutive numbers, synonyms, citation of original description, and an indication of distribution. An effort has been made to arrange the species in genera, tribes, families, superfamilies and series, in accordance with the most recent works on classification; an explanation of the difficulty of doing so in a satisfactory manner follows this preface. No attempt has been made to determine the validity of the numerous specific names proposed by recent authors. Numbered names indicate species described and unquestioned in print. A letter, a, b, etc., following the numeral indicates variety, subspecies, race, etc. Names proposed by one author and disputed by another, are usually unnumbered, but are sometimes treated as varieties. Synonyms are always unnumbered, but the reader must guard against regarding unnumbered names as being invariably synonyms, for they often represent forms which, to their authors, seemed worthy of a name.

The names of authors are usually abbreviated to the first three or four letters of their names; the few cases which are differently treated are explained below in the list of signs and abbreviations used. Authors' names are usually in parenthesis if the species was originally described in a different genus; the correct placing of the parenthesis involved reference to many books and is not entirely complete.

The citations are indicated by figures following the author's name; the first two are the final figures of the year in which the description was published; the remainder, separated by a hyphen, give the page on which the description occurs. In conjunction with the chronological list of each author's papers at the end of the book, the citation is thus given in the most condensed form possible.

The distribution is indicated by the usual geographical abbreviations (explained below) for the localities given in original descriptions and in various faunal lists. Intermediate localities have usually been omitted to save space, but particular care has been taken to include references to the extremities of the area covered, e. g., Newfoundland, Alaska,

Southern California, Florida, as well as to Indiana, the State covered by Blatchley's descriptive catalogue.

Specific names derived from names of persons have been uniformly spelled with one i, unintentionally overlooking until too late that the rules of nomenclature require the original spelling. Generic names follow the original spelling. Tribal names end in *ini*, subfamily names in *inæ*, family names in *idæ*, superfamily names in *oidea* — names of subtribes and series follow original spelling.

The catalogue has been compiled from Samuel Henshaw's remarkably accurate Check List and Supplements, aided by the latest comprehensive treatment of the various groups, literature citations in *Entomological News*, *Zoological Record*, *Coleopterorum Catalogus* (Junk) and previous catalogues, and *Genera Insectorum*; the result has been checked by correspondence with specialists. Of such, Col. Thomas L. Casey, Messrs. Charles Dury, H. C. Fall, J. A. Hyslop, Charles Schaeffer, J. M. Swaine, A. B. Wolcott, and the late E. D. Harris, were especially helpful. The text for the water beetles was prepared by Mr. John D. Sherman, Jr., and that for the family Melandryidæ by Mr. L. B. Woodruff, while Prof. H. F. Wickham took entire charge of the Fossil Coleoptera. To all these coleopterists, and to Mr. William H. Wheeler, 2d, of the Cosmos Press, we are deeply indebted. Still more, however, we owe to Mr. Andrew J. Mutchler of the American Museum of Natural History, who has followed the entire work, aiding its completion in every possible way; and most of all do we owe to Messrs. E. A. Schwarz and Herbert S. Barber, of the United States National Museum. Mr. Schwarz with his life-long study of the Coleoptera, his retentive memory, and his devotion to science, a devotion so great that it makes no task unwelcome in its service, has taken such a capable interest in the work that in succession, the manuscript, the galley proof, and page proof, have passed through his erudite and kindly criticism. His corrections are often specially acknowledged in footnotes, but no acknowledgment can fully convey the feeling of admiration and affection his help has aroused. If the reader finds this book of any such service as Henshaw's Check List has been for the last thirty-five years, the aim of the publisher and author will have been attained, and largely through the help of Mr. Schwarz.

CHARLES W. LENG,  
JOHN D. SHERMAN, JR.

December 1, 1920.

## SIGNS AND ABBREVIATIONS

- || indicates name preoccupied.  
 ‡ indicates name cited in error.  
 [ before locality indicates that it applies to line above.  
 ♂ indicates male.  
 ♀ indicates female.  
 † indicates introduced species.  
 — preceding name indicates that it cannot at present be identified.

Ala.	Alabama	Guad. Is.	Guadalupe Island
Alas.	Alaska	Guat.	Guatemala
Alb. or Alta	Alberta	Gulf St.	Gulf States
Am. bor.	America borealis (North America)	H. B. T.	Hudson Bay Territory
		H. Bay	Hudson Bay
Arc.	Arctic	Hbst.	Herbst
Ariz.	Arizona	Humb.	Humboldt
Ark.	Arkansas	Ia.	Iowa
Atl. St.	Atlantic States	Id.	Idaho
auct.	author	Ill.	Illinois
auct. nec	various authors, not	Ind.	Indiana
B. & R.	Blaisdell and Reynolds	Ind. T.	Indian Territory
B. A.	British America	ined.	unpublished
B. C.	British Columbia	i. litt.	in a letter
Bndl.	Brendel	Jos.	Josephine
Bnhr.	Bernhauer	Kan.	Kansas
Bor.	Boreal	Ks.	Kansas
Braz.	Brazil	Ky.	Kentucky
B. & S.	Bernhauer and Schmidt	Klam.	Klamath
C. St.	Central States	L.	Linné
C. I.	Coney Island, N. Y.	L. I.	Long Island, N. Y.
C. Am.	Central America	L. Cal.	Lower California
Can.	Canada	L. Sup. or L. S.	Lake Superior
Cal. or Calif.	California	La.	Louisiana
Cala.	Calaveras	Lab.	Labrador
Cal. Is.	California Islands	Las.	Lassen
Cent. N. Y.	Central New York	Lat.	Latitude
Ckll.	Cockerell	M. St.	Middle States
Colo.	Colorado	Man.	Manitoba
Conn. or Ct.	Connecticut	Mari.	Mariposa
Cosm.	Cosmopolitan	Mass.	Massachusetts
Csy.	Casey	Md.	Maryland
Co.	County	Me.	Maine
D. C.	District of Columbia	Mex.	Mexico
Dak.	Dakota	Midd. St.	Middle States
Del.	Delaware	Mich.	Michigan
E. D. H.	Edward D. Harris	Minn.	Minnesota
ex parte	used where an author has confused two or more species under one name	Miss.	Mississippi
		Mo.	Missouri
E. of Miss.	East of Mississippi River	Mon. or Mont.	Montana
E. Pa.	Eastern Pennsylvania	Mont. Co.	Monterey County
E. St.	Eastern States	Mts.	Mountains
Eldo.	Eldorado	N. A.	North America
Eng.	England	N. Atl.	North Atlantic
Eur.	Europe	N. B.	New Brunswick
Eur. & N. Am.?	Doubtfully occurs in both continents	N. C.	North Carolina
		N. Cal. or No. Cal.	Northern California
Fla.	Florida	N. E. Am.	Northeast America
Fr.	France	N. E. U. S.	Northeastern United States
Fres.	Fresno	N. Eng.	New England
Fvl.	Fauvel	N. H.	New Hampshire
Ft.	Fort	N. J.	New Jersey
Ga.	Georgia	N. Mex.	New Mexico
		N. S.	Nova Scotia



N. W. Wyo.	Northwest Wyoming	s. str.	sensu strictu, in a restricted
n. m.	nomen mutatum, name		sense
	changed (when pre-	s. g.	subgenus
	occupied)	Sask.	Saskatchewan
n. sp.	new species	Schffr.	Schaeffer
Neb. Nebr.	Nebraska	Sehp.	Schaupp.
Nev.	Nevada	Shas.	Shasta
Newn.	Newman	Sib.	Siberia
Nfld.	Newfoundland	Sier.	Sierra
No. N. Y.	Northern N. Y.	So. Ariz.	Southern Arizona
No. Ill.	Northern Illinois	So. Cal.	Southern California
N. Y.	New York	So. Fla.	Southern Florida
O.	Ohio	So. St.	Southern States
O. Sz.	Otto Schwarz	Sz.	E. A. Schwarz
Okla.	Oklahoma	Tenn.	Tennessee
Ont.	Ontario	Tex.	Texas
Or. or Oreg.	Oregon	Tul.	Tulare
Pa.	Pennsylvania	Tuol.	Tuolumne
Pae. St.	Pacific States	U. S.	United States
Plae.	Plaer	Ut.	Utah
Plum.	Plumas	Va.	Virginia
Q. Char. Is.	Queen Charlotte Island	Vane.	Vancouver
Que.	Quebec	Vt.	Vermont
R. I.	Rhode Island	W. Can.	Western Canada
Russ. Am.	Russian America	W. H.	Walther Horn
S. Am.	South America	W. I.	West Indies
S. C.	South Carolina	W. Kan.	Western Kansas
S. D.	South Dakota	W. St.	Western States
S. F.	San Francisco	W. Va.	West Virginia
S. I.	Staten Island, N. Y.	Wash.	Washington
S. St.	South States	Wis.	Wisconsin
S. W. Utah	Southwest Utah	Wy.	Wyoming



## LIST OF ERRATA

While this book was being printed the following errors and oversights were discovered, too late, however, for correction. As other errors doubtless remain undiscovered, and as it will be a convenience to coleopterists to have them all made known through a single publication, it is requested at the suggestion of Mr. Schwarz, that those who publish further corrections will do so in the Journal of the New York Entomological Society.

Insert on:

- p. 49. (*Leja* Mcg.) = *Bembidion*  
(*Omala* Motsch.) = *Bembidion*
- p. 53. (*Lymnæum* Steph. ‡) for *Lymneops laticeps* (Lcc.)
- p. 55. (*Argutor* Meg. ‡) for certain *Pterostichini*  
(*Steropus* Meg. ‡) for certain *Pterostichini*
- p. 60. (*Acrodon* Zimm.) = *Celia*
- p. 91. (*Corylophus* Leach ‡) for certain *Orthoperidæ*
- p. 95. (*Coryphium* Steph. ‡) for *Ephelinus*
- p. 98. (*Tesnus* Rey) = *Stenus*
- p. 110. For TRICOPSENIINI read TRICHOPSENIINI
- p. 111. (*Boletobius* ‡) = *Bolitobius* (original spelling is *Bolitobius*)
- p. 115. (*Ecitogaster* ‡) for certain *Myrmedoniini*
- p. 133. (*Microsporidæ*) = *Sphæriidæ*
- p. 141. (*Lychnuris* Motsch.) = *Lucidota*
- p. 145. (*Malachidæ*) = *Melyridæ*
- p. 165. For *Adetus* read *Aderus*  
The genus *Adetus* was erected by Leconte 52-161 for a longhorn, *analis* Hald. supposed then to occur in Pennsylvania but since dropped from our list as not North American.
- p. 174. (*Crepidotritus* Lcc.) = *Anchastus*
- p. 190. (*Thaumatoglossa* ‡) = *Thaumaglossa*, which is original spelling
- p. 202. (*Cryptophagistes* Cr.) = *Cryptophagus*
- p. 226. For **TENEBRIONINAE** read **SCAURINAE**  
For BLAPTINI read BLAPTINAE  
These changes should be made before using the book, as the subfamily name *Tenebrioninae* appears twice by error.
- p. 239. (*Mystaxis* ‡) = *Mystaxus*, which is original spelling
- p. 268. (*Phlyctænodini*?) tribe to which Casey doubtfully assigned *Malthophia oculata*
- p. 282. *Sternidius* Lec. = *Liopus*
- p. 284. Add **Diaxenes** Waterh. 84-128  
15097½. *dendrobii* Gahan 94-250 † D.C.  
This species has been found in orchid houses at Washington, D. C., see Schwarz, 04-21
- p. 287. *Orsodachna* = *Orsodaene*, which is original spelling
- p. 304. No. 16137 — localities given apply to *cyanea*  
No. 16144 — the (N. Y.?) locality belongs to *flaveola*  
the So. Cal. locality is doubtful  
No. 16157 — *bisignata* (Boh.) should follow *aurisplendens*
- p. 06. RHYNCHOPHORA begin with *Brentidæ*
- p. 317. (*Plinthus* Germ), ‡ for *Paraplinthus*
- p. 318. (*Heilipus*, ‡) for *Heilipus*, which is original spelling
- p. 393. For pp. 59-06 in footnote read 59-60  
Further corrections will be published, as discovered by us, in the Journal of the New York Entomological Society.

It is the hope and intention of the author and the publisher to consolidate all such corrections and publish them in separate form, together with a list of the species described since 1918 and their bibliography, at the end of a five year period.

## CONTENTS

---

	PAGE
INTRODUCTION: ESSAY ON CLASSIFICATION . . . . .	3-37
CONSPECTUS OF FAMILIES . . . . .	38
CATALOGUE OF COLEOPTERA . . . . .	39-342
APPENDIX: STREPSIPTERA	
List of Species . . . . .	343-344
Bibliography . . . . .	345
CATALOGUE OF FOSSIL NORTH AMERICAN COLEOPTERA	
(by H. F. Wickham) . . . . .	347-365
BIBLIOGRAPHY OF TAXONOMIC COLEOPTEROLOGY (to January 1st, 1919)	367-444
INDEX . . . . .	445-470

---

Chart of Families, Tribes, etc. . . . . opposite page 24





## EXPLANATION OF SEQUENCE OF FAMILIES

---

American students of Coleoptera have been accustomed for 35 years to the Leconte system of classification, first proposed by Dr. Leconte in 1861,<sup>1</sup> and completed by him and Dr. Horn in 1883.<sup>2</sup> This system was followed in the Henshaw Check List in 1885, in Smith's "List of the Insects of New Jersey," in Blatchley's "Beetles of Indiana" and in many other books and papers; no doubt a great many collections, public and private, are also arranged in accordance with its sequence of families, tribes and genera.

Meanwhile the Leconte system has been under investigation here and in Europe and each investigator has proposed some alleged improvement. Some of these improvements have been accepted as such by subsequent authors, some have been the subject of more or less dispute. All, as far as a great part of American literature indicates, have been practically disregarded here, where Dr. Leconte's system has apparently been treated by many coleopterists as a finality, to be serenely followed despite all criticism.

Whether this course, undoubtedly convenient, should be continued in this Check List, or some more recent system should be adopted as the basis of its arrangement, has caused me to compare carefully the changes proposed by Sharp, Lameere, Kolbe, Ganglbauer, Gahan, Verhoeff and Sharp and Muir. Unfortunately such comparison discloses a lack of agreement on many points between these critics of Leconte. If, therefore, any departure from Leconte's system be made, it must be after study of the conflicting arguments that have been brought forward and by personal decision as to their respective merits.

Since these arguments relate principally to questions of phylogeny, necessarily a matter of theory and deduction, though larval studies also play an important part, I have found such decision difficult to reach and present the results that follow with much fear that many errors are included, but with the hope that they may be useful in making better known the work of recent investigators of the classification.

---

<sup>1</sup> Classification of the Coleoptera of North America. Prepared for the Smithsonian Institution by John L. Leconte, M. D., Part 1. Washington: May, 1861-March, 1862.

<sup>2</sup> Classification of the Coleoptera of North America. Prepared for the Smithsonian Institution by John L. Leconte and George H. Horn. Washington, 1883.

As a preliminary matter it may be well to recall that the classification of the Coleoptera has been frequently altered. In our own country the following catalogues have appeared:

F. V. Melsheimer	1806
F. E. Melsheimer	1853
J. L. Leconte	1863
G. R. Crotch	1873 and E. P. Austin, Supplement, 1880.
Samuel Henshaw	1885 and Supplement, 1895.

There is no agreement in the sequence of families in these American catalogues, nor do they agree with those published abroad, which also differ among themselves. The reason is that each is based upon a different stage in the ever-changing system of classification.

### Systems formerly in Use

The earliest system employing binomial nomenclature is of course that of Linné's, ed. X, 1758. In that work, the beetles (with a few insects no longer considered beetles) are divided into three groups, according to the form of the antennæ, "clavatis," "filiformibus" and "setaceis."

Many other attempts (among which Latreille's recognition of the different forms of the outer maxillary lobe, by which he separated what he called beetles with six palpi from those with four palpi, is noteworthy) led up to the system developed by Latreille, Erichson, Lacordaire, Duval and other great coleopterists. This system was in use when Dr. Leconte began his studies; it had then long held sway and has profoundly influenced him and all the writers on Coleoptera even to this day. It attempts to classify beetles primarily by the number of their tarsal joints, thus:

PENTAMERA	—	beetles with all the tarsi 5-jointed.
TETRAMERA	—	" " " " " 4 "
TRIMERA	—	" " " " " 3 "
HETEROMERA	—	" " front and middle tarsi 5-jointed, hind tarsi 4-jointed.

The existence of minute joints, difficult to see but actually present, necessitated the use of terms like pseudotetramera and cryptotetramera. Such a classification, unless qualified by many exceptions, leads to the most unnatural aggregations and is now practically discarded, except that Heteromera are retained by many modern authors as a natural series.<sup>1</sup> I believe that it is an unfortunate retention,

<sup>1</sup> The families (or part of them) usually included in Heteromera may truly constitute a natural series, but, if so, it cannot be safely defined by the heteromerous tarsi.

though Dr. Gahan describes the suggestion that they are not really a natural series as "heresy,"<sup>1</sup> for, if the definition were strictly applied, the series would include *Hydroporus* among water beetles, many Silphids and Staphylinids, and many Clavicorns, as well as the Tenebrionid-like beetles, for which it was intended. Even in that restricted sense, the heteromorous tarsi do not afford a good definition, as may be noted in comparing Tetratomini and Triphyllini, formerly far apart, now united by Casey,<sup>2</sup> or *Ababa* and *Othnius*, considered allies by that author, though *Ababa* was later shown to be a Clerid by Schaeffer.<sup>3</sup> Heteromorous tarsi are in fact found in so many groups that the character cannot safely be used to define a primary division or to found a natural series. Nevertheless the reader will note as the more recent systems are explained how their authors have clung to the tarsal system and especially to the heteromorous division.

### Leconte System

The great merit of the Leconte system is the primary use of many other characters drawn from the sutures, palpi, abdominal segments and antennæ, guided throughout by Dr. Leconte's wonderful instinct, which led him so nearly right that few changes in his system, out of the many that have been proposed, meet with general approval. He was, however, bound to be influenced by his early studies and the ideas thereby derived from his illustrious predecessors, such influence, as it seems to me, showing in his divisions Isomera and Heteromera, based upon the formerly used tarsal characters. He divided beetles into:

- |     |                     |  |
|-----|---------------------|--|
| I.  | COLEOPTERA GENUINA: | — double gular suture and flexible palpi.  |
| 1.  | ISOMERA:            | — all the tarsi of same number of joints.  |
|     | a. ADEPHAGA         | — first visible abdominal segment divided. |
|     | b. CLAVICORNIA      | — clavate antennæ.                         |
|     | c. SERRICORNIA      | — serrate antennæ.                         |
|     | d. LAMELLICORNIA    | — lamellate antennæ.                       |
|     | e. PHYTOPHAGA       | — 4-jointed tarsi                          |
| 2.  | HETEROMERA          | — heteromorous tarsi.                      |
| II. | RHYNCHOPHORA        | — single gular suture and rigid palpi.     |

This is the system in general use in America. The objections that have been urged against it are that the tarsal character can only be used with exceptions, that Clavicornia and Serricornia merge one into the

<sup>1</sup> The Entomologist, December, 1911, p. 395.

<sup>2</sup> Journ. N. Y. Ent. Soc. VIII, 1900, p. 167.

<sup>3</sup> Journ. N. Y. Ent. Soc. XXV, 1917, p. 133.



other by transitional forms, that Lamellicornia deserve more exalted rank and Rhynchophora less, that Phytophaga and Rhynchophora are closely related and should not be separated by Heteromera, and that Adephaga are more entitled to sub-ordinal rank than any other division. While these objections may all be valid, no one has yet offered a better system in the form of a complete classification. The improvements suggested and substantially approved include two series:

PALPICORNIA for Hydrophilidæ, etc., with palpi longer than antennæ.

STAPHYLINOIDEA for a series of families mostly with short elytra and with three or more dorsal abdominal segments corneous.

Except for a change in the position of the Phalacridæ, these series do not alter materially the sequence of families as arranged by Leconte, they only supply names for groups of families in his series Clavicornia. Other series that have been proposed have not met with such substantial approval and will be discussed later. Clear cut definitions for them are more or less difficult to find.

### Sharp System

Dr. Sharp's system<sup>1</sup> was published 16 years after Leconte's and much that had been developed in the interval, especially in larval studies is admirably treated and illustrated by him. His great knowledge of the Coleoptera of the whole world and his knowledge of the entire class of Insecta make his opinions worthy of the highest respect. His classification is:

- LAMELLICORNIA — 5-jointed tarsi — antennæ lamellate.
- ADEPHAGA — 5-jointed tarsi — maxillæ with outer lobe palpiform.
- POLYMORPHA — tarsi variable — antennæ serrate or clavate.
- HETEROMERA — tarsi heteromerous.
- PHYTOPHAGA — tarsi 4-jointed.
- RHYNCHOPHORA — head with a beak, gular suture single, palpi usually not evident.

Here the isolation of the Lamellicornia is better shown, the Clavicornia and Serricornia are consolidated into a series embracing in Sharp's words "a large number of forms still unclassified," though "a large part of them belong to four great families (Staphylinidæ, Buprestidæ, Elateridæ, Malacodermidæ) which are easily recognizable." Such was the state of the classification in 1909 (or 1899, if the date of the first edition is used) with tarsal characters still prominent.

Neither Leconte's nor Sharp's classification professes to be phylo-

---

<sup>1</sup> Cambridge Natural History, VI, 1909. Insects, by David Sharp, M. A., M. B., F. R. S.

genetic; the position assigned Lamellicornia by Sharp does not mean that he considered them lowest in the phylogenetic scale, but simply so distinct from other beetles as to require a special place, while the position given them by Leconte was avowedly simply a matter of convenience.

### Phylogenetic Systems

The phylogenetic systems seek to arrange the families and series so that the more primitive beetles shall precede the more derivative; in such systems certain characters are assumed to indicate a stage in the progressive modification of the Coleoptera, rather than a relationship.

Taking the tarsi as an example, a primitive beetle is assumed to have had tarsi composed of five equal, elongate, unmodified joints, as in a generalized sort of insect. Tarsi in which by fusion some of the five joints are shortened, or modified, might have been derived from the simple 5-jointed tarsi; further progressive modification might have reduced the number on one leg to four, producing the heteromerous condition; still further modification might have produced the 4-jointed tarsus, or even three, or two, or one. All such modified tarsi would indicate a greater or less degree of derivation or specialization.

The same theory may be and has been applied to many parts, external and internal, of the body and its appendages. Sometimes the modification, perhaps under the influence of special environment, has been apparently rapid in certain directions, while in others it has stood nearly stationary. In such cases it may be possible to build up series of families showing progressive modifications in various directions, but each united as a series by the possession in common of those characters which have been scarcely modified. But the results may, and indeed have, varied greatly, according to the value attached to the various characters as indices of phylogenetic rank.

The first serious attempt to do this is by Auguste Lameere, the great Belgian coleopterist, in 1900<sup>1</sup>). His first results were corrected in 1903<sup>2</sup>) and give the following classification, based primarily on the venation of the hind wings:

- CARABIFORMIA — hind wings with cross-veins connecting longitudinal veins.
- STAPHYLINIFORMIA — hind wings without cross-veins connecting longitudinal veins.
- CANTHARIFORMIA — hind wings with longitudinal veins hooked or recurrent.

---

<sup>1</sup> Notes pour la classification des Coleoptères (Ann. Soc. Ent. Belg. XLIV, 1900).

<sup>2</sup> Nouvelles Notes pour la classification des Coleoptères (Ann. Soc. Ent. Belg. XLVII, 1903).

The Canthariformia were divided into following series; defined only by the list of families included.

TERIDILIA  
MALACODERMATA  
STERNOXIA  
MACRODACTYLIA  
BRACHYMERIA  
PALPICORNIA  
CLAVICORNIA  
PHYTOPHAGA  
HETEROMERA  
LAMELLICORNIA

Lameere's Carabiformia is equivalent to the Adephaga of other authors and it is noteworthy that he considers the genus *Omophron*, as did Kolbe in 1880, as a sub-family leading from Carabidæ to Haliplidæ, in which I am glad to follow him. Of the groups he separated in Canthariformia, many, sometimes in a modified form, have met with much approval. Kolbe for instance, adopts Malacodermata, Palpicornia and Sternoxia; Gahan also considers Malacodermata a natural group and he says that Teridilia, composed of Lymexylidæ, Lyctidæ, Ptinidæ, Anobiidæ and Bostrichidæ would be a fairly natural one. Dr. Gahan's general attitude, however, is in his language "finding serious difficulties in accepting the groups proposed either by Lameere or by Kolbe" and published in 1911<sup>1</sup>), after much *pro* and *con* had been written, fairly reflects the conservative opinion of Lameere's work.

But if not entirely acceptable, Lameere's work certainly stirred up other authors. The most voluminous was Ludwig Ganglbauer, custos in Hof-Museum in Vienna, and author of the unfinished "Käfer von Mitteleuropa." His system, unfortunately never entirely worked out, appeared in its most complete form in 1903<sup>2</sup> and classified beetles much as was done by Leconte, but raising the rank of Adephaga, separating Palpicornia and Staphyloidea as series, and consolidating Serri-cornia and Clavicornia to form series Diversicornia, also Phytophaga and Rhynchophora, in one series Phytophaga. The result gives:

Sub-order	ADEPHAGA
"	POLYPHAGA
Series	Palpicornia
"	Staphyloidea
"	Diversicornia
"	Heteromera
"	Phytophaga
"	Lamellicornia

<sup>1</sup> On some recent attempts to classify the Coleoptera in accordance with their Phylogeny (The Entomologist, XLIV, 1911, pp. 121-351).

<sup>2</sup> Systematisch-Koleopterologische Studien (Münch. Kol. Zeitschr. I, 1903, pp. 271-319).



As in Lameere's system the highest rank is assigned to Lamellicornia; principally, it seems to me, on account of the high degree of concentration of the ganglia of the nervous system. I cannot share this view for reasons that will be given later, but it may be here stated that Dr. Gahan in a cautious way commends the Ganglbauer system and ends his masterly review in the "Entomologist" thus: "I think that his classification may well stand for the present as the one best devised to express our knowledge of the phylogeny of the Coleoptera."

Ganglbauer's system is also substantially approved by Anton Handlirsch,<sup>1</sup>) who in 1430 pages and 70 plates reviews the accumulated knowledge of fossil insects and deduces from the study thereof, and the study of various systems of classifications of living insects, a phylogenetic classification of the latter. For the purpose of this paper, pp. 1271-1280 and "stammbaum" VII, in which the families of Coleoptera are treated, are of the greatest interest, and as the results I have reached do not entirely agree with those therein set forth, it seems proper to preface an account of them by pointing out that Handlirsch admits that he is not a coleopterist (p. 1276) and that his reference to verbal communications from Ganglbauer, both authors being attached to the Hof-Museum in Vienna, may indicate that to some extent the one was influenced by the other.

Handlirsch considers the Coleoptera as being derived from Proto-blattoidea previous to Triassic times, rejecting the alleged Coleopterous fossils of earlier epochs as being very doubtfully beetles at all; during the Triassic epoch he conceives that from an extinct protocoleopterous fauna two suborders arose, *viz.*: Protoadephaga and Protopolyphaga. Triassic fossil remains consist of elytra only, which cannot with certainty be ascribed to any existing families. During the succeeding Liassic epoch the Protoadephaga began to divide into the Adephagous families as now known; the more numerous fossil remains (pl. XLI), showing sometimes head and thorax as well as elytra, permit of the family being recognized by general appearance, though legs, antennæ and other appendages are missing. During the Lias also the Protopolyphaga began to divide into something approaching their present divisions; among the Lias fossils resemblances to our present Elateridæ are not uncommon, the peculiar prosternal process being plainly seen in some; while the blattoid form of thorax found in other fossils is very suggestive of Malacodermata like our Lampyridæ. But Handlirsch expressly disputes the reference of Trias or Lias fossils to existing fami-

---

<sup>1</sup> Die Fossilen Insekten und die Phylogenie der Rezenten Formen, Leipzig, 1906-1908.

lies, except in Adephagous forms, his theory being that as the Protocoleopteron arose from Protoblattoidea prior to the Triassic, and the Protoadephagon during Triassic, so did the Protopolyphagon arise and divide during Liassic.

In the Jurassic fossils, plate 45, more progress was made; among the Adephaga, water beetles like *Dytiscus*, and Carabids like *Calosoma*, are plainly seen with their characteristic legs; but among the Polyphaga it is still hard to place the species in existing families. The Cretaceous fossils are so few and imperfect that nothing can be said of them; but in the Tertiary fossils from Oeningen in Baden, and from Florissant in Colorado, the extraordinary numbers that have been found and their comparatively complete preservation have permitted of referring them not only to living families, but even genera in those families. Of the existing families very nearly all are now known among Tertiary fossils. Finally, in Quaternary fossils, in peat, and in interglacial deposits, it becomes a question as to their difference from living species.

To me it seems strange that Handlirsch, after establishing by fossil evidence the appearance of the Serricorn series, Sternoxia and Malacodermata, before any other polyphagous series, should in his "stammbaum" place Sternoxia after the Clavicornia. In his catalogue of Tertiary fossils, p. 743, he places them before the Clavicornia, and more correctly in my view.

As intimated above, he was possibly influenced by Ganglbauer and considerations of internal structures to which both authors attach great importance. At any rate his final conclusions are very much like Ganglbauer's and are based upon the conception of the sub-order Adephaga, having first become divided from other Coleoptera, which later became successively broken up into series as follows: Staphyliniformia, Palpicornia, Malacodermata, Clavicornia, Brachymera, Serricornia (= Dascilloidea), Sternoxia, Terebrantia, Heteromera, Phytophaga, Rhynchophora, Lamellicornia, of which the last named were the last to be evolved from the protopolyphagon. It is in the division of Ganglbauer's Diversicornia into at least ten series that the greatest difference between the two authors appears; Dr. Sharp, in a letter, insists upon even many more lines of descent, and Dr. Gahan, as already stated, finds serious difficulty in accepting the groups proposed by Kolbe and Lameere. All recently expressed opinions, in short, tend towards the recognition of more numerous groups.

H. J. Kolbe, a German author of high standing, has on the contrary attacked the Ganglbauer system and has proposed one that is



quite different, based on the theory that parts of the body proper, rather than its appendages, truly show the progressive modifications of the Coleoptera. His early work<sup>1</sup> was considerably altered in 1908<sup>2</sup> and as altered gives the following system:

ADEPHAGA

HETEROPHAGA (= POLYPHAGA Ganglbauer.)

HAPLOGASTRA      Sternites of 2d and 3d abdominal segments separate, their pleuræ separated by a suture.

including: Staphylinoida, Lamellicornia.

SYMPHYOGASTRA      Sternites of 2d and 3d abdominal segments connate, no trace of suture between their pleuræ.

including: Cupesidæ, Malacodermata, Trichodermata, Palpicornia, Dascilloidea, Sternoxia, Bostrichoidea, Heteromera, Clavicornia, Phytophaga, Rhynchophora.

This system seems to have had some influence upon Kuhnt, in preparing the "Illustrierte Bestimmungstabellen"<sup>3</sup> and upon Dr. Pierce, but was never fully worked out by Kolbe himself, though his earlier "Natürliches System der carnivoren Coleoptera" (D. E. Z. 1880, pp. 258-280) superficially covers Adephaga. As counteracting the possibly extreme views of Ganglbauer regarding Lamellicornia and Rhynchophora, Kolbe's work is valuable; and in corroboration of his estimate of the highest rank for Rhynchophora, I would here quote Dr. Sharp's sentence, "we should be inclined to place such forms as Calandrides among the most perfect of insects."

### Systems based on Genitalia, etc.

An entirely different point of view is that taken by Sharp and Muir who have devoted considerable time to a comparative study of the genitalia.<sup>4</sup> The heterogeneous character of the Heteromera, which have appeared intact in every system so far, is brought out by their work; Cistelidæ, Lagriidæ and Monommidæ are found to resemble

<sup>1</sup> Vergleichend-morphologische Untersuchungen an Coleopteren nebst Grundlagen zu einem System und zur Systematik derselben (Arch. f. Naturg 1901, pp. 89-150).

<sup>2</sup> Mein System der Coleopteren (Zeitschr. für wissenschaftliche Insektenbiologie, IV, 1908, 116-400).

<sup>3</sup> Illustrierte Bestimmungs Tabellen der Käfer Deutschlands, Stuttgart, 1912. (This work has 10,000 illustrations, including larvae.)

<sup>4</sup> The comparative anatomy of the male genital tube in Coleoptera (Trans. Ent. Soc. Lond. 1912, pp. 477-639, and 1918, pp. 223-229).

Tenebrionidæ in the form of the genitalia, but all the other families heretofore called Heteromera more nearly resemble Cucujidæ in the form of genitalia than Tenebrionidæ. They suggest the arrangement of the Coleoptera in eight series, thus:

BYRRHOIDEA	— most of Leconte's Serricornia.
CARABOIDEA	— Adephaga.
CUCUJOIDEA	— all not included elsewhere.
STAPHYLINOIDEA	— Staphyliniformia.
MALACODERMOIDEA	— Malacodermata.
TENEBRIONOIDEA	— Cistelidæ, Lagriidæ, and Tenebrionidæ.
SCARABÆOIDEA	— Lamellicornia.
PHYTOPHAGOIDEA	— Phytophaga and Rhynchophora combined.

but they give no definitions other than those drawn from the genitalia and admit that their work is unfinished and subject to revision, especially as to division of the series Cucujoidea. It is noteworthy that they found two types of genitalia in the family Colydiidæ, and that the more primitive of the conditions of the coleopterous genital tube, so far as existing forms are concerned, occurred in the Byrrhoidea, contradicting to this extent the phylogeny presented above.

I have been greatly impressed by the results of this work by Sharp and Muir and regret that it has not yet been completed. Its recognition of Caraboidea, Staphyloidea, Malacodermoidea, Tenebrionoidea, Scarabæoidea and Phytophagoidea, as six great series, each having characters in common, while each at the same time shows a definite different direction in which modification has progressed, seems to be final corroboration of results obtained by previous authors from studies of adult and larval characters. Its severance of Tenebrionoidea from the heterogeneous assemblage heretofore called Heteromera is the step needed to correct the old error inherited from Latreille. While I have been, so far unable to correlate their series Byrrhoidea and Cucujoidea with any series based on external characters, I feel that these divisions of theirs may nevertheless be indications in the right direction, but obscured at present by the fact, recognized by Sharp and Muir also, that a number of series are possibly combined in these two groups.

Another worker with genitalia is Verhoeff<sup>1</sup> who studied also the number of abdominal segments, but in both subjects for a few families only. The accuracy of his observations and the value of his deduc-

---

<sup>1</sup> Vergleichende Untersuchungen über die Abdominal segmente und die copulations organe der männlichen Coleoptera (D. E. Z. 1893, pp. 113-170); and weiblichen Coleoptera (D. E. Z. 1893, pp. 209-260).

tions have been strongly attacked in Germany by Julius Weise<sup>1</sup> and Otto Schwarz,<sup>2</sup> and have received scant attention elsewhere. In this connection the excellent drawing of the extruded genitalia of *Brachycantha* by Grossbeck<sup>3</sup> should not be overlooked. The most striking feature of Verhoeff's contribution seems to me his recognition of the isolated position occupied by the Coccinellidæ, for which he made a sub-order ELEUTHERESIPHONA, based upon the genitalia, larval characters and life history. The subordinal rank of the family is not conceded by any other author, as far as I know, but its separation as a series from the other clavicorns, may be the outcome.

Pierce<sup>4</sup> has revived the separation of the family Stylopidæ as an order, STREPSIPTERA, and has recently repeated the arguments in favor of this course.<sup>5</sup> This is questionable, as they seem to lead quite readily from a series composed of Mordellidæ, Rhipiphoridæ and Meloidæ, and connected, judging from larval characters, through the Mordellidæ with Lymexylidæ. That they should have become highly specialized would naturally follow from their parasitic habits.

A similar separation was proposed for the parasitic Platypsyllidæ by Westwood, who called them ACREIOPTERA, but has long since been discarded.

### LARVAL CHARACTERS

There has been much written about the larvæ of Coleoptera, especially by the Danish and French authors, but there is no complete classification based on larval characters. The larvæ of the primitive families are either campodeaform, with elongate bodies, long legs, and anal cerci, or blattoid, broader in outline, with expanded sides. In the Adephaga, the legs terminate usually in two claws and according to some authors, are composed of one more joint than in Polyphaga, but there are exceptions to the dual claw, and further studies of Adephagous larvæ may show other exceptions. In some primitive Polyphaga the larvæ are also campodeaform, but with only one claw. In Staphyliniformia, the blattoid form often occurs and it is also seen in *Psephenus*; it becomes therefore difficult to say which is the more primitive of the two forms

---

<sup>1</sup> D. E. Z. 1894, pp. 155-157 also, D. E. Z. 1894, pp. 177-188; 1895, pp. 65-78.

<sup>2</sup> D. E. Z. 1894, pp. 153-155; 1895, pp. 27-36.

<sup>3</sup> Bull. Am. Mus. Nat. Hist. XXX, 1911, p. 284.

<sup>4</sup> A monographic revision of Strepsiptera (Bull. U. S. Nat. Mus. No. 66, 1909, pp. 1-232.)

<sup>5</sup> The comparative morphology of the order Strepsiptera (Proc. U. S. Nat. Mus. LIV, 1918, pp. 391-501.)



of larvæ, campodeaform or blattoid; if, indeed, there is any phylogenetic significance in such forms. There are, moreover, a number of larval forms that are apparently very peculiar, as in Dermestidæ and Coccinellidæ; and many of the Polyphagous larvæ exhibit modifications in various directions.

In the decidedly derivative series the larvæ apparently show uniform progressive modification in a definite direction. The larvæ of Lamellicornia are eruciform, fat, curled grubs, thickened at anal extremity, but still with legs. The larvæ of the Phytophaga are also eruciform, sometimes with, sometimes without, legs; in Bruchidæ the young larvæ have legs that are lost in the later moults. The larvæ of the Rhynchophora (except Brentidæ) are always curled, legless grubs. There seems thus to be a progressive development from the active larvæ of the Adephaga, through the Polyphagous and Lamellicorn forms of larvæ, that reaches its climax in the slothful seed-eating larvæ of Rhynchophora. Packard has traced an interesting parallel between this development and the life history of hypermetamorphic beetles as stated by Riley<sup>1</sup> and others. If one compares Riley's figure of the first larva (or triungulin) with the campodeaform larva of Adephaga, and his figure of the last larval stage with the eruciform larva of Rhynchophora, a striking resemblance will certainly be detected. The history of the development of Coleopterous larvæ seems to be repeated in the various moults.

But when one considers the legless larvæ of the Buprestidæ and Eucnemidæ, groups that retain many characteristics we have called primitive, the active larvæ of many Coccinellidæ, a group that in many respects seems highly derivative, one is forced to consider the gradual loss of larval legs as possibly the result of atrophy, rather than as an indication of phylogenetic rank. The references made by Handlirsch to the blattoid form of larva as characteristically primitive are still more disconcerting, for such forms are rare in the Adephaga (*Cychrus* is an example and it is certainly far from the most primitive of Adephaga) though his fossil evidence strongly favors their early origin.

It seems too early in the study of Coleopterous larvæ to attempt to draw any definite conclusions therefrom, except as a corroboration of those drawn from the study of adults. Mr. Schwarz has given long study to the subject; and his present feeling, as I gathered from a recent conversation with him, is not very different from that I have just expressed. Dr. Böving's results and those of Dr. F. C. Craighead,

---

<sup>1</sup> On the Larval Characters, etc. (Trans. Ac. Sci. St. Louis, III, 1877, pp. 544-562).

based upon long study and extensive material, may however, when published, afford an independent basis for classification.

Until that time comes we have no system of classification, as already stated, based on larval characters; but alleged resemblances in the larvæ have frequently been used to support relationships based primarily on adult characters; and if such resemblances are, at least in part, cases of convergence, even such may be hazardous.

It may be added that McGillivray's key to Coleopterous larvæ,<sup>1</sup> though excellent for the period in which it was prepared, now requires considerable modification.

I have now given an account of the principal changes that have been proposed in the Leconte system. But it is a bare sketch of their salient points. A complete synopsis and argument may be found in Dr. Gahan's paper from which I have already quoted. This should be studied by every one interested in the subject of family classification. It is, however, a critical paper and points out the weak points in other systems without constructing a new one. The treatment of the Coleoptera by Brues and Melander,<sup>2</sup> incorporates many of the ideas which I have endeavored to repeat, but gives no clue to the sequence in which the families should be arranged. So that we are left to choose between the rival continental authors, but with the guidance of Dr. Gahan's impartial criticism and of Sharp and Muir's work on genitalia.

#### System adopted for Check List.

In this way, balancing one argument against another, I am led to believe that a division of the Coleoptera into two sub-orders is established; and that possibly the sub-division of the sub-order Polyphaga into several series, approaching the rank of sub-orders, is at present the best course to pursue. The definition of some of these series, and consequently the inclusion or exclusion of certain families, remains doubtful; but for many purposes such definition is practically accomplished by the families included. The two sub-orders would be separated as follows:

Outer lobe of maxillæ palpiform; first visible ventral segment divided; hind wings with cross-veins; pleural sutures of prothorax present; antennæ never serrate, clavate or lamellate; tarsi 5-jointed (except in the genus *Hydroporus*); larvæ generally campodeaform, with legs, tarsus with one or two claws, sometimes blattoid.....ADEPHAGA.

<sup>1</sup> New York State Museum Bulletin 68, 1903, pp. 288-294.

<sup>2</sup> Key to the Families of North American Insects, 1915.

Outer lobe of maxillæ not palpiform; first visible ventral segment not divided (except Rhysodidae); hind wings without cross-veins (except Lymexylon, Rhysodidae and Cupesidae); pleural sutures of prothorax absent (except Cupesidae); antennæ and tarsi variable; larvæ variable, tarsus and claw fused (except in *Rhysodes*, *Cupes* and *Micromalthus*) . . . POLYPHAGA.

The families Rhysodidae and Cupesidae have been variously assigned to both sub-orders as above defined, since they possess some of the characters of each. It is conceivable that they represent the modified descendants of families that existed prior to the separation of Adephaga and Polyphaga; if so, they should in a phylogenetic arrangement precede both, as being more primitive. It is certain that their position has been greatly disputed, but the recent discovery of their larvæ convinces me that they are not Adephaga.

The Polyphaga would be separated into seven series as follows:

- Palpi flexible; gular sutures double . . . . . 1.  
 Palpi rigid or concealed; gular sutures single . . . . . 2.  
 1. Hind wings with simple, straight veins; abdomen with at least three corneous segments dorsally, and exposed more or less by the short elytra; antennæ variable, but never lamellate; tarsi variable; larvæ campodeaform, or blattoid, always with legs.

BRACHELYTRA OR STAPHYLINIFORMIA.

- Hind wings with veins in part connected by hooks, or recurrent veins; abdomen with at most two corneous segments dorsally, usually completely covered by the elytra; antennæ and tarsi variable; larvæ variable . . . . . 3.  
 3. Antennæ never lamellate; tarsi variable . . . . . 4.  
 Antennæ always lamellate; tarsi 5-jointed . . . . . 5.  
 4. Palpi never longer than antennæ, tarsi variable . . . . . 6.  
 Palpi often longer than antennæ, tarsi usually 5-jointed . . . . . 7.  
 6. Antennæ variable, usually filiform, serrate or modifications of those forms, never lamellate or suddenly clubbed; body in the more primitive families elongate, not strongly chitinized; tarsi 5-jointed or heteromorous; larvæ sometimes remarkably differentiated, with legs (except in Buprestidae and some Eucnemidae) that are usually short.

POLYFORMIA.

- Antennæ usually clavate, though variable and sometimes only thickened externally; tarsi variable, including heteromorous, 4 and 3-jointed; body strongly chitinized; larvæ with legs, never blattoid . . . . . CLAVICORNIA.  
 Antennæ variable, usually serrate, or with outer joints wider, sometimes pectinate or flabellate; tarsi always 4-jointed . . . . . 8.  
 7. Antennæ clavate, body strongly chitinized; larvæ campodeaform with legs.

PALPICORNIA.

5. Antennæ lamellate; body usually strongly chitinized; pleuræ of 2d and 3d abdominal segments separated by the suture between their sternites; larvæ eruciform, with legs.

LAMELLICORNIA.

8. Palpi with last joint triangular in primitive families, but becoming small in the more derivative families; tarsi always 4-jointed; larvæ usually eruciform, sometimes without legs . . . . . PHYTOPHAGA.

2. Antennæ variable, even lamellate in one genus, head frequently with a beak; abdomen usually covered by elytra; tarsi 4-jointed, except in three genera, *Tomicus*, *Dryophthorus* and *Platypus*, larvæ eruciform, usually without legs (except in Brentidae?).

RHYNCHOPHORA.

The family Brentidae appears to form an exception to the larval character in Rhynchophora, if the descriptions are correct. It is also



exceptional in the form of its beak and in certain other respects. It is possible that it, like Rhysodidæ and Cupesidæ, belongs to an old proto-coleopterous family.

#### DISCUSSION OF SYSTEM ADOPTED.

As to the isolation of the Adephaga there is no dispute; all authors are in agreement on that point and every character, whether drawn from the venation, the external or internal structure, the genitalia, or the larval characters, support it. The case is different, however, with the other groups. The separation of the Rhynchophora was proposed by Leconte and urged in special papers on the subject;<sup>1</sup> it has been endorsed by Sharp and, to a less degree, by Kolbe; it has been opposed by Lameere, Ganglbauer and Gahan on phylogenetic grounds because they think the Rhynchophora are plainly derived from the Phytophaga, or the two from a common source; it has also been opposed by Muir because the genitalia are of the same type as those of the Phytophaga, and in our country by Pierce.<sup>2</sup> Numerically the opposition would rule, but the following reasons support Leconte's view.

There can be little question that the Rhynchophora are the most specialized of all beetles, remarkably distinct by the characters discovered by Leconte, as well as by their legless larvæ and the great development of the snout. As I shall show presently, they seem to be the most recent also of all beetles. That the links connecting them with their ancestors, admittedly the Phytophaga (in part at least), have survived is a result of their recent origin and no argument against their isolation if their characters otherwise warrant it. Had all the links survived, the isolation of the Adephaga might be no greater than that of the Rhynchophora. After trying to give due weight to the arguments to the contrary, I can find nothing to balance the strong characters of rigid palpi and single gular suture originally developed by Leconte and repeated in the Rhynchophora of N. E. America,<sup>3</sup> and I am still disposed to follow Dr. Leconte in isolating Rhynchophora, but as a series, not a sub-order, for reasons given below.

The isolation of the Lamellicornia has also been recognized since the days of Burmeister.<sup>4</sup> They appear as a series in every system, no element has ever been added or subtracted, there are no other beetles

---

<sup>1</sup> Amer. Naturalist, VIII, 1874, pp. 385-396 and 452-470.

<sup>2</sup> Studies of Weevils, etc. (Proc. U. S. Nat. Mus. LI, 1916, pp. 461-473).

<sup>3</sup> Rhynchophora or Weevils of North Eastern America, Blatchley & Leng, Indianapolis, 1916.

<sup>4</sup> Handbuch der Entomologie, III, 1842.

that have the lamellate antennae or anything approaching them, except perhaps a few Scolytids. Dr. Sharp's course in treating them first, before even the Adephaga, is perhaps a consequence of their isolation being prominent in his thoughts. Dr. Leconte also considered but rejected the same course. The final disposition of this question must be left for the future; I am unwilling to add another sub-order, though I can see many reasons in favor of doing so; such reasons, however, are part of those that prevent me treating Rhynchophora as a sub-order.

The isolation of the Staphyliniformia by recent authors seems to be based on very strong grounds. In degree it may be less complete than that of Rhynchophora and Lamellicornia, for there are forms like *Sphaerites* that have been placed in Polyformia. But there must be such differences in degree of isolation of series, families, tribes, genera and species, for we can never expect an absolute equality in that respect.

The isolation of Phytophaga is even less complete; many authors unite them with Rhynchophora, others see a remote connection with some families of Polyformia. It is difficult indeed to frame a definition for them based on adult characters alone. Still the term has long been used and is perfectly understood as one admirably covering Cerambycidae, Chrysomelidae and Bruchidae as a series of plant-eating families.

Still more difficult to define as a whole are the numerous smaller series here grouped under the names Polyformia, Palpicornia and Clavicornia. They are in fact what remains after separating the larger and more strongly characterized series. They include some series like Malacodermata and Sternoxia that though smaller in number of species involved are very distinct; the distinctions, however, occur in structures that have not been used in making primary divisions, and are perhaps in that sense of less importance. The Rhynchophora seem to me very nearly of the subordinal importance that Leconte gave them; those included above seem nearest to them in degree of important difference. I have reduced the Rhynchophora somewhat unwillingly because I feel that their isolation is less than that of Adephaga, but I cannot still further reduce them by elevating more, even of the best defined series in Polyformia, to equivalent rank.

### **Progressive Modification of Various Structures**

Before discussing the sequence in which the series as defined above should be arranged, I would like to state the general conditions under which the order has become specialized in different directions and the



general character of the specialization in a few important structures. As it seems to me the primitive habit of the Coleoptera must have been feeding upon a variety of decaying substances, animal and vegetable indifferently, and the first Coleoptera, newly derived from some even more primitive insect, must have been but poorly adapted to their work. It has been shown by Sandor Gorka<sup>1</sup> that the digestive system of such as still feed upon decaying substances is of the simplest form. The habit of feeding principally on animal matter, which characterizes the Adephaga, is accompanied in the larvæ as well as in the adults by adaptations of structure that in classification justify making of them a sub-order. The adaptation extends to the digestive system, which is highly specialized. The habit of feeding largely upon living vegetable tissue which characterizes the more specialized Phytophaga and nearly all the Rhynchophora is also accompanied by adaptations of structure, though in an entirely different direction. These adaptations extend, as in the Adephaga, to the digestive system and to the larvæ; and in the Rhynchophora, whose food is largely derived from the most recent developments of the vegetable kingdom, have reached a degree of specialization that justifies treating that group as the highest development of the sub-order Polyphaga, even if its comparatively recent origin permits of tracing its descent and forbids treating it as a sub-order.

The primitive beetles from which the two sub-orders have been derived are of course extinct, and their characters must be deduced from the theory just suggested. Being derived from some more primitive generalized insect form and being the progenitors of the existing forms, their structures must have been those common to both, but in degree of adaptation exactly the opposite of that found in the most specialized of existing forms. I have already pointed out that the tarsi of the primitive beetle must have been composed of five equal, unmodified joints and that tarsi of a less number of joints, or with joints adapted to swimming or digging, must be regarded as derivatives from the primitive form. Since, according to Dollo's Law,<sup>2</sup> a part once lost or reduced to a vestigial condition cannot be regained in progressive modification, a 3-jointed tarsus must be a derivative in comparison with a 4-jointed tarsus, not *vice versa*, and such tarsal appendages as lobes and onychium must be primitive indications, for they are lacking in highly specialized beetles, but present in many more primitive insects.

---

<sup>1</sup> Allgemeine Zeitschrift für Entomologie about 1913.

<sup>2</sup> See "A History of Land Mammals in the Western Hemisphere," New York, 1913, p. 656. The author, Wm. Berryman Scott, discussing the so-called law of irreversibility in evolution, decides that while it is perhaps not universally exemplified, deviations are certainly exceptional.

For similar reasons primitive elytra would be elongate, pubescent, and imperfectly adapted to the other parts of the body, because in the highly specialized beetles of each sub-order, they are short, glabrous, and very perfectly adapted to the parts they adjoin.

The hind wings in the primitive beetle should be efficient in flight, with veins similar to those of a generalized insect, *i. e.*, joined by cross-veins, if the studies of Comstock and Needham are accepted.

The abdominal segments would be the largest number known in existing forms, *viz*: eight.

The antennæ would be composed of eleven, similar, unmodified joints, pubescent, not geniculate.

The palpi would be composed of four, similar, unmodified joints; the triangular and securiform modification of the last joint are a specialization in one direction, often seen in Polyphaga; the gradual loss of flexibility and prominence, which attains its maximum in Rhynchophora, is apparently a specialization in an opposite direction, or atrophy from disuse.

The occurrence of ocelli is rare in beetles and is a primitive character, because ocelli are present in lower orders and lacking in the higher Coleoptera. In Cicindelidæ they are present in the larva only.

The presence of certain sutures, *viz*: the double gular suture, the propleural suture and the suture between the 2d and 3d abdominal pleuræ is a primitive character, because the general progressive modification from an elongate, loosely organized creature to a short, compact insect, with all its parts closely co-adapted, could only be accomplished by a fusion of parts that would obliterate such sutures.

The occurrence of some appendages to the legs, *viz*: membranous appendages to the claws, membranous lobes beneath the tarsi, the onychium (or arolium) and paronychium between the claws (treated by some authors as representing the pulvillus of lower orders) and the more or less distinct trochantin, is also an indication of primitive character; such appendages are never found in highly specialized beetles. The trochanter also in the exaggerated form found in some Carabidæ and Lampyridæ is a primitive character, being greatly reduced in specialized beetles.

In certain families, like Staphylinidæ, the effect of this modification of the general form is also seen in the character of the coxæ and their cavities, the broad and prominent coxæ being the primitive forms, often accompanied by an unusual development of the trochanter. The open coxal cavity, appertaining to a loosely organized beetle, is more primitive than the closed cavity.

Now while the Adephaga, with their acquired habit of eating flesh and its accompanying modifications of structure, are plainly derivatives of the primitive beetles that preceded them, it seems as if they might be the first great offshoot and, having preserved more of the primitive characters than the other sub-orders, were entitled to the first place, even though some other beetle may have better preserved one or more different primitive characters.

### Tabular Comparison

In tabular form, using P for primitive, D for derivative and P D, counted as  $\frac{1}{2}$  D, where both primitive and derivative forms occur in the series, the sub-orders and series would stand as follows in respect to each character I have considered above:

	<i>Elytra</i>	<i>Wings</i>	<i>Tarsi</i>	<i>Abdomen</i>	<i>Antennae</i>	<i>Palpi</i>	<i>Lobes</i>	<i>Onychium</i>	<i>Ocelli</i>	<i>Pp. Suture</i>	<i>Gul. Sut.</i>	<i>Larva</i>	<i>Total</i>
ADEPHAGA	D	P	P	P	P	P	D	PD	D	P	P	P	= $3\frac{1}{2}$ D
POLYPHAGA:													
Palpicornia	D	D	PD	PD	PD	D	D	D	D	D	P	P	= $8\frac{1}{2}$ D
Staphyliniformia	D	PD	PD	PD	PD	PD	D	D	PD	D	P	P	= 7 D
POLYFORMIA:													
Cantharoidea	PD	D	P	P	PD	D	D	D	D	D	P	P	= 7 D*
Cupesoides	D	P	P	D	P	D	D	D	D	P	P	D	= 7 D*
Teredilia	PD	D	P	P	P	D	D	D	D	D	D	P	= $6\frac{1}{2}$ D
Mordelloidea	PD	D	D	PD	PD	D	D	P	D	D	P	P	= $6\frac{1}{2}$ D
Sternoxia	PD	D	P	PD	D	D	P	D	D	D	P	P	= $7\frac{1}{2}$ D
Macroductylia	D	D	P	PD	D	D	D	D	PD	D	P	P	= 8 D
Dascilloidea	PD	D	P	D	D	D	D	D	D	D	P	P	= $9\frac{1}{2}$ D
Brachymera	D	D	P	D	D	D	PD	D	D	D	P	P	= $8\frac{1}{2}$ D
Clavicornia	D	D	PD	D	D	D	D	D	PD	D	P	PD	= $9\frac{1}{2}$ D
Coccinellidæ	D	D	D	PD	D	D	D	D	D	D	P	D	= $10\frac{1}{2}$ D
Tenebrionoidea	D	D	D	D	D	D	PD	D	D	D	P	PD	= 10 D
Bostrichoidea	D	D	PD	D	PD	D	D	D	D	D	P	D	= 10 D
LAMELLICORNIA	D	D	P	PD	D	D	D	PD	D	D	P	D	= 9 D**
Phytophaga	D	D	D	PD	D	D	D	D	D	D	P	PD	= 10 D
RHYNCHOPHORA	D	D	D	D	D	D	D	D	D	D	D	D	= 12 D

\* In these series the broad coxæ and prominent trochanters are additional primitive characters.

\*\* Somewhat higher rank than indicated must be assigned on account of nervous system.

The minor series that have been proposed are introduced under Polyformia, though I am not yet prepared to define or accept them all; the names are for the most part taken from Lameere. The totals show plainly the primitive character of Adephaga, the intermediate character of most of the Polyphaga, with the highly derivative character of the Rhynchophora. They apparently support also Lameere's first thought that Teredilia were very primitive beetles, and Verhoeff's claim for a relatively exalted place for Coccinellidæ; but I am unwilling to entirely subvert Leconte's sequence of families on such theo-



retical grounds, especially as the totals run so close that any small error would affect the result. I think, however, that this table shows that Leconte's serricorn families are more primitive than his clavicorn families so definitely that there remains no doubt his sequence should be reversed in that section of his work.

If Lamellicornia are compared, their formula would correspond neither with the highest rank that Ganglbauer gave them nor the lowly position assigned by Kolbe, but an intermediate place such as they occupy in the Leconte system. Ganglbauer has maintained, and is apparently supported therein by Dr. Gahan, that they are the most highly specialized of all beetles, in the antennæ, in the high degree of concentration of the nerve ganglia, and in the social instincts displayed by their highest tribe. He is opposed by Kolbe, who cites their 5-jointed tarsi and abdominal structure as strikingly primitive characters, and he might have included the frequent occurrence of the onychium. It appears also by Ganglbauer's own statements that the nerve ganglia are highly concentrated in the Rhynchophora also and he appears to have overlooked the occurrence of lamellate antennæ in certain Scolytids. I have therefore no hesitation in adopting approximately as far as Lamellicornia are concerned the results of the formulas given above, especially since they only corroborate those reached by Leconte and coincide with the sequence for the principal families to which we are accustomed.

The internal structures have also been studied and confirm more or less the results obtained from the study of the external structures. I know these data only from Dr. Gahan's paper, already quoted, in which he reviews the work of Escherich,<sup>1</sup> Emery,<sup>2</sup> Dufour<sup>3</sup> and Bordas<sup>4</sup> on sexual organs, ovaries and testes, Brauer<sup>5</sup> and Wheeler<sup>6</sup> on the Malpighian vessels, and Blanchard,<sup>7</sup> Brandt<sup>8</sup> and other anatomists on the nervous system. Korshelt and Heider<sup>9</sup> are also quoted as the latest review of these internal structures.

The phylogenetic deductions from the studies of internal structures by various authors are not entirely in accord, but taken as a whole confirm the primitive character assigned to the Adephaga. Their bearing upon the rank to be assigned to Lamellicornia is to elevate that

<sup>1</sup> Zeitschr. für Wissensch. Zool. LVII, 1894, pp. 620-641.

<sup>2</sup> Biol. Central. Bl. V, 1885, p. 652.

<sup>3</sup> Ann. Soc. Nat. VI, 1825.

<sup>4</sup> Ann. Sc. Nat. Zool. et Pal. 8 ser. XI, 1900, pp. 283-448.

<sup>5</sup> Verh. zool. bot. Ges. Wien. XIX, 1869.

<sup>6</sup> Psyche, VI, 1893.

<sup>7</sup> Ann. Sc. Nat. 3 ser. Zool. V. 1846, pp. 273-279.

<sup>8</sup> Hor. Soc. Ent. Ross. XIV, 1878.

<sup>9</sup> Lehrbuch der vergleichenden Entwicklungsgeschichte der wirbellosen Thiere, Jena, 1902.

series above that which it would take from a comparison of external characters alone. This is one of the considerations that lead me to place it where I do. Special discussion of Palpicornia and some smaller groups will be found below.

### **An Alternative View of Phylogeny**

I have thus far presented the phylogeny as developed by continental authors with but little interpolation of individual opinion. To complete the account of the bearing of their hypotheses upon the classification it seems necessary to point out that they are only fairly supported by part of the known facts and so contradicted by some others that it would be extremely injudicious to subvert an established classification on such theoretical grounds, though some modifications based thereon may be acceptable.

To my mind, the assumption implied in the phylogeny thus far presented, that of all the families of the protocoleoptera of pretriassic times, none have survived except those that were succeeded by Adephaga and Polyphaga (as defined by phylogenetic authors), is unwarranted. I can conceive of the great groups of flesh-eating Adephaga and plant-eating Phytophaga arising under favorable environment; and of other similar groups responding by increase in genera and species to various environments produced by geological changes, but I must maintain that the utter extinction of all the families of protocoleoptera that existed prior to the origin of such groups is improbable and that it is far more likely that some of the present small families, especially those of disconnected distribution, represent remnants of families that existed prior to the origin of the Adephaga.

The consequences of the false assumption may be seen in the failure of the phylogenetic scheme to coincide with the results obtained from study of genitalia, from study of larvæ, especially the blattoid forms, from study of digestive system, and other internal parts, all of which have been mentioned above. The remedy may lie in separating from the mass called Polyphaga all the small families with primitive characters in the adult and larva, and treating them phylogenetically as more primitive than Adephaga. It is not, however, my purpose to propose a new system of phylogeny, but rather in this paragraph to point out the defects of that already presented as a reason for not following any phylogenetic theory in arranging the sequence of families beyond

the point at which it is in approximate accord with a sequence otherwise established.

I cannot refrain from inserting a few words on environmental adaptation. I have already alluded to the three-fold division of the Coleoptera indicated by the digestive system. This is in a measure confirmed by the modifications of the palpi. In papers read before the New York Entomological Society some years ago, but still unpublished, I tried to show that while the chief environmental factor for plants might be moisture, for beetles it was certainly food; and profound structural modifications were correlated therewith. This is naturally nowhere more marked than in the mouth parts and especially in the palpi. Assuming, as I feel compelled to do, the habit of feeding (possibly in very moist, swampy localities) on decaying matter, vegetable and animal indifferently, as the primitive habit of beetles, it is found to be associated with the simplest form of digestive apparatus and with mouth parts of varied form, but extreme in no direction.

It is noteworthy also that among such forms the blattoid larva is also most frequently found. The habit of feeding on animal matter is associated with a more complex digestive system and with the equivalent of six palpi. The habit of feeding on living vegetable tissue is associated with an equally complex, but different digestive system, and a gradual atrophy of palpi, practically complete in the highly derivative Rhynchophora.

It may still be true that the extinction of the most primitive of polyphagous families leaves the Adephaga possessed now of the greatest aggregate of primitive characters (as indicated on p. 21), but if such be the case, it does not necessarily imply an origin for them antecedent to that of all Polyphaga. While, therefore, I place Adephaga first, my doing so is more because Leconte did so than because I believe they are more primitive than every family of Polyphaga; and while I have arranged the families of Polyphaga in accordance with the phylogenetic table on p. 21, including with them Rhysodidæ and Cupesidæ, it is not my intention to conceal the heterogeneous character of the assemblage. It seems better, however, to retain existing errors if such there be, rather than to risk introducing new ones on no better basis than disputable phylogeny.

#### Explanation of Chart

Having thus established with a fair degree of certainty the sequence in which the series should be placed, I will now endeavor to exhibit the position, in the series, in which the families and some of their most









peculiar tribes should be placed, if the more primitive are to precede the more derivative. On the accompanying chart vertical lines indicate separations based respectively on the sutures, the venation, the larva, the palpi and the antennæ, the left hand columns being the most primitive; horizontal lines indicate separations based on the number of abdominal segments and number of tarsal joints, the most primitive being at the bottom of the sheet. A dagger indicates the primitive characters of tarsal lobes, onychium, ocelli, soft, pubescent, elytra ill adapted to the body, or trochantin visible. All the characters used in the tabular presentation are thus included; and the sequence of the series is substantially the same as I there employed.

I think it will be seen at a glance that in a general way the sequence of the families proceeds quite regularly from the lower left hand corner of the chart to the upper right hand corner, that is, from the most primitive in respect of the twelve important characters used to the most derivative. In certain cases, however, a primitive series, Staphyliniformia for example, runs higher in abdominal or tarsal development than the more derivative series that follow. If one used those characters only a false idea of the position of the series would result; and I believe Verhoeff's conception of Coccinellidæ as a sub-order is an actual example of such a result. I have tried to incorporate in this chart all the characters that have been used to obtain a balanced result. In many of the series, a single or a few genera are placed below the bulk of the families on account of their possessing more primitive abdominal or tarsal characters. This appears to indicate the survival in that series of some of the more primitive forms, forms that in most of the series have become extinct. While such cannot be entirely disregarded, I think it would be a mistake to class the series according to these survivals alone. Some extraordinary forms are tentatively placed. Parasitic insects are regarded as a result of degradation, rather than as a primitive indication. If *Telegeusis* is correctly placed in Terebrantia, it may be necessary, as Lameere did, to place that series first of the Polyphaga, but its affinities are still disputed.

I should like to be able to discuss the considerations that have caused me to put each family in the position assigned in the series and continue the same treatment for each tribe in the family, but that is not now practicable. I will, however, briefly review each series, giving the Adephaga and Staphyliniformia the most space. For the purpose of bringing the terminology into harmony with that of other orders of insects, I have, at the suggestion of Dr. J. Chester Bradley, used words ending in *oidea* except for sub-orders.

## ADEPHAGA

As defined by Leconte, the families included are, Cicindelidæ, Carabidæ, Haliplidæ, Amphizoidæ, Dytiscidæ and Gyrinidæ. Omophronidæ may be separated from Carabidæ as suggested by Kolbe and Lameere and Rhysodidæ has been added by many. As indicated above I believe, however, that Rhysodidæ is one of the nearly extinct branches of the primitive Coleoptera that originated while they still possessed hind wings with cross-veins, divided first abdominal segment, and propleural suture, characters that are shared by Adephaga. I have expressed by a query the reply of Mr. Schwarz to a direct question as to its position "We do not even know how to spell its name;" but, in default of a surely better place, I have left them as Leconte did, near the beginning of the Clavicorns.

Two series are indicated in Adephaga as follows:

Eyes two, soles of tarsi beneath as usual, antennæ filiform . . . . .	CARABOIDEA.
Eyes four, soles of tarsi lateral; antennæ auriculate . . . . .	GYRINOIDEA.

The second series consists of one strongly isolated family; the first series may be divided into six families as on p. XXX of Leconte's classification, with Omophronidæ separated from Carabidæ by the character given on p. 6 "prosternum prolonged and dilated, entirely concealing the mesosternum." The larva of *Omophron* is aquatic and the family seems intermediate between Carabidæ and Haliplidæ. There may be still other families incorrectly included with the Carabidæ which are an assemblage of somewhat heterogeneous character. While the antennæ are usually filiform, three genera have them moniliform; while the larvæ are usually compodeaform, there are some exceptions and these are correlated with exceptional adult characters. Their classification has been worked over by Latreille, Bonelli, Dejean, Schaum, Erichson, Schioedte, Lacordaire, Leconte, and owes its present form to G. H. Horn. I am sorry that Lameere finds the last, in which I know the author took great pride, "detestable"; and it certainly is far from according with views based on phylogeny, which would bring *Elaphrus* nearer to Cicindelidæ, and *Brachinus*, with its pubescent elytra poorly adapted to the body and 8-segmented abdomen, both primitive characters, near the first; with the tribes like Pterostichini and Bembidiini, in which the glabrous elytra have developed the internal plica, near the end. The palpi also indicate a highly derivative position for Carabini and Bembidiini; while the Lebiini, by their truncate elytra,



bright colors, and arboreal habits seem to constitute an isolated group, perhaps even higher in rank.

The abdomen has always six or more segments in Adephaga, seven in Cicindelidæ ♂ and in Gyrinidæ, eight in the genus *Brachinus*. The tarsi are 5-jointed throughout, but in *Hydroporus* the front and middle tarsi are apparently 4-jointed, the fourth joint being either actually wanting or concealed by the deeply lobed third joint. Ocelli are wanting in the adults, but very perfect in the larvæ of Cicindelidæ. In the Carabidæ a striking peculiarity is the development of tactile setæ. These are wanting in the genus *Oodes* and the aquatic Adephaga; also in the subfamily Pseudomorphinae, which is also remarkable for its short legs and rigid tarsi. Still another large group is characterized by fossorial legs, by which it aids its underground operations, and by pedunculate thorax. The position of *Amphizoa* is a matter of doubt; but I have not attempted to make any changes in the place at present assigned to it or other divisions. The sequence follows American precedents because there is no other at present available.

### POLYPHAGA

The number of families in this sub-order is so great that it will be most convenient to consider the divisions. I use the terms that have been suggested by Lameere principally, adding Mordelloidea for the remainder of the old series Heteromera, after separating Tenebrionoidea.

### PALPICORNIA or HYDROPHILOIDEA

The great length of the palpi, exceeding that of the antennæ in the most derivative forms, but far less developed in the primitive sub-families, gives this series its name. In Dr. Leconte's system the principal families included follow the Adephaga, and I have made no alteration. The campodeaform larva of the Hydrophilidæ seems to support Dr. Leconte's view. The phylogeny has been carefully studied by d'Orchymont;<sup>1</sup> he arranges the sub-families in the following order, *viz*: Hydræninæ, Limnebiinæ and Spercheinæ (not American) as the more primitive, and Helophorinæ, Epimetopinæ, Hydrochinæ, Sphæridiinæ, Hydrophilinæ, as the more derivative; and agrees with Handlirsch and

---

<sup>1</sup> Ann. Soc. Ent. Fr. LXXXV, 1916, pp. 91-106; and 235-240.

Peyerimhoff that they should follow Staphyliniformia. He admits, however, some doubt pending further study of the more primitive Silphidæ, wherefor the theoretical reason seems an insufficient basis for a change in the sequence to which we are accustomed. The sub-family Hydroscaphinæ has been added by Dr. Böving<sup>1</sup> as closely allied to Limnebiinæ; the larvæ of both are very similar to those of such Staphylinidæ as *Tachinus* and *Tachyporus*. The sum of all the characters, (see table on p. 21) seems to me to indicate a higher rank phylogenetically than is conceded by any of the authors named, but this may result from attaching too much importance to the acquired characters due to aquatic environment in most of the sub-families; and on the whole it seems best to continue to place, as did Dr. Leconte, this series immediately after the Adephaga. As I had some trouble in finding the reference, it may be added that Handlirsch (p. 1277) announces that Ganglbauer had verbally agreed to the separation of Palpicornia as a series.

#### BRACHELYTRA or STAPHYLINIFORMIA or STAPHYLINOIDEA

This division possesses, according to Ganglbauer and Lameere, the most simple form of wing venation, without either cross-veins or hook-veins, but if I correctly apprehend Comstock and Needham's theory of tracheation, while apparently simple, it is not primitive, but a derivative from the more primitive form with cross-veins. By omitting Phalacridæ it comprises all the families in Leconte's system from VII to XIX that follow Hydrophilidæ. These families all have more or less short elytra, and at least three dorsal abdominal segments corneous. They have a distinctive type of genitalia. The larvæ of many at least are campodeaform and greatly resemble Adephagous larvæ except that they have only one claw. Everything therefore indicates that they should precede other Polyphaga; the comparatively large number of derivative characters shown in the table results from including the more derivative forms of this very large group and would be somewhat reduced if cognizance were taken of their primitive coxæ and trochanters.

I have followed Ganglbauer's treatment in the "Käfer von Mitteleuropa" almost exactly. Readers of Leconte's classification will note that it embodies also most of his ideas. The Leptinidæ, with 11-jointed, filiform antennæ, *Pteroloma*, with the same antennæ and Carabid-like

---

<sup>1</sup> Notes on the Larva of Hydroscapha (Proc. Ent. Soc. Wash. XVI, 1914, pp. 169-74.)

form, and especially *Brathinus*, with both these characters and ocelli to boot, seem to me more primitive than the Scydmaenidæ and Silphidæ, with clavate antennæ, often 10- or 9-jointed, that Ganglbauer puts first. Also the method of counting the number of abdominal segments has been questioned by Verhoeff, and if erroneous, as he thinks, would remove the last reason for putting Staphylinidæ before Silphidæ. In reference to *Brathinus*, Casey<sup>1</sup> has urged its being placed in Omaliini on account of its having the ocelli characteristic of that tribe of Staphylinidæ, but it lacks so many of the other characters that I have placed it as a family (following Leconte's earlier idea) near Leptinidæ and primitive Silphids like *Pteroloma*. For these few changes in Ganglbauer's treatment I am responsible.

The following table shows the diversity of abdominal, tarsal and antennal structure in the Staphyliniformia which have led to the changes that have been made in Leconte's system:

Abd.	Tarsi	Antennæ: Filiform	Clavate	Capitate	Verticillate	Capillary	Moniliform	Geniculate or simple
3	3		<i>Sphæridius</i> 11					
5	3			<i>Microp.</i> 9				
5	3		<i>Pselaph.</i> 2-11				<i>Pselaph.</i> 11	
5	4							Oligota 10
5	Het							<i>Hisler</i> 11
5	5	Lyrosomini 11	Colones 11	<i>Sphærites</i> 11		<i>Scaphid</i> 11		"
6	3		Aglyptus 11		<i>Ptilidæ</i> 11			Euplectini 11
6	4		Clamb. 9-11					Euaesthetus 11
6	4		Agathidium 11					Hypocyptus 10
6	4			<i>Coryloph</i> 11				
6	Het		Anisot. 10-11					
6	5		"			<i>Habroceri</i> 11		Megalops 10
6	5	Adelops 11	Choleva 11					
6	5	Pteroloma 11	Silpha 10-11					
6	5	Leptinus 11	Scydm. 11					
6	5	<i>Brathinus</i> 11						
7	3							Oxytelini 11
7	5							Staphylin 11
7 to 8	Het		<i>Antennæ</i> <i>Fringed</i>					Aleocho. 10-11
8	5		<i>Platypsylla</i> 10					Omaliini 11

It must be evident from this table how little value for separating series the number of tarsal joints has, for every combination from eight abdominal segments with five tarsal joints, the most primitive known in existing beetles, up to three abdominal segments with three tarsal joints, nearly the most derivative known is included. The number of antennal

<sup>1</sup> In letters, and Ann. N. Y. Acad. Sci. IX, 1897, p. 354.



joints is shown after every name and runs from eleven to two, the latter in the Pselaphids that live with ants. A great variety of forms of antennæ is also indicated and might even be extended, for in one genus of Silphidæ (*Captotrichus*) the antennæ are serrate, and there are variations in the number of joints forming the club and in the compactness of the club that are not indicated.

There are also special characters belonging to many of the groups that are not indicated, as the ocelli of *Brathinus* and Omaliini, the fringed wings of Ptilidæ, the parasitic break-down of many characters in Platypsyllidæ, etc.

The peculiar larval characters of Corylophidæ,<sup>1</sup> Histeridæ, Scaphidiidæ are also omitted; but as an indication of isolation, either in adult or larval characters, I have italicized certain names. Omitting them, the remainder appear to compose two series, Silphoidea and Staphylin-oidea, to which the more isolated families are for the present attached as aberrant branches. Handlirsch considered the Histeridæ as an early offshoot from Staphylin-oidea; it may be necessary to separate them at least as another series.

### MALACODERMATA or CANTHAROIDEA

The Lampyridæ of Leconte, divided into Lycidæ, Lampyridæ, Telephoridæ, Phengodidæ and Drilidæ by more recent authors, possess very primitive characters in their. 7-segmented abdomen, 5-jointed tarsi, and broad elytra, not co-adapted to the body, and also pubescent in the more primitive forms. The coxæ and trochanters are of the exaggerated form seen only in primitive beetles, and they have also the soft texture of generalized insects. Brauer's Law might also be invoked to support the primitive character of the Malacodermata in view of the larviform females of some species. With them may be associated the families of Kolbe's series Trichodermata<sup>2</sup> where the texture becomes firmer, the abdominal segments six, and the tarsi even reach the heterom-erous condition in *Temnopsophus* and *Corynetes*. The heterom-erous tarsi of Othniidæ are therefore no reason why it also should not be included.<sup>1</sup> The antennæ exhibit a wide modification as in the preceding division, being filiform in the lowest forms, serrate in the bulk of the

<sup>1</sup> Since this introduction was written Mr. Schwarz has advised placing Othnius near Pythidæ; the position assigned to Corylophidæ is also seriously questionable.

<sup>2</sup> Handlirsch (p. 1277) inclines to tracing a different line of descent for Trichodermata on account of difference in number of Malpighian vessels.



series and finally clubbed in the most derivative forms. Their modifications in this series illustrate the difficulty of applying Leconte's Serricorn and Clavicorn divisions, for both forms are found in this as in the preceding series.

The larvæ are imperfectly known, but apparently carnivorous, the more primitive families on or in the ground, the higher families in trees, *Corynetes* in hams, etc.

#### ARCHOSTEMATA or CUPESOIDEA

The first name has been proposed by Kolbe for the small family Cupesidæ, which includes the genus *Cupes* in North America and the genus *Omma* in Australia. They have been placed in Adephaga on account of their cross-veined wings and propleural sutures, but lack the divided first ventral segment. Their 5-segmented abdomen forbids considering them as of equal primitive rank with Adephaga, but their 5-jointed tarsi and filiform antennæ are certainly primitive. Until recently the larva was unknown, but the work of Snyder<sup>1</sup> finally clears up that mystery. To me, in view of the larva greatly resembling primitive Polyphaga like Teredilia, they seem to be the modified survivors of an old polyphagous series, properly placed by Kolbe by themselves, but as indicated by Leconte, near his Serricornia.

#### TEREDILIA or LYMEXYLOIDEA

The genus *Hylocoetus*, which with *Lymexylon*, composes this small series, seems in many of its characters, extremely like the most primitive beetles. Six ventral segments, five tarsal joints, soft integuments, elongate form, badly adapted, pubescent elytra, are all primitive characters. It has, however, serrate antennæ, large, stout palpi and no ocelli or onychium, and must be a derivative. *Atractocerus*, an exotic form, has short elytra like the Staphylinidæ. Handlirsch dissents totally with Lameere as to Teredilia. *Telegeusis* has been included, on account of a verbal communication regarding its genitalia, but as a family, Telegeusidæ, on account of its otherwise divergent characters. Micromalthidæ are also included, though some of my friends prefer to attach them to preceding series.

---

<sup>1</sup> Record of the Rearing of *Cupes concolor* (Proc. Ent. Soc. Wash. XV, 1913, pp. 30-31).

**MORDELLOIDEA**

It is with great hesitation that I propose the interpolation at this point of a series composed of those families possessing heteromerous tarsi and comparatively soft integuments. If, however, the elongate body, 6-segmented abdomen, elytra poorly co-adapted to the body and pubescent, claws with appendage, have any phylogenetic meaning their combination in Cephaloidæ must indicate that family as one of the most primitive ones, while the larvæ of Mordellidæ and Oedemeridæ seem to tell a similar story. I have already mentioned the conclusion of Sharp and Muir from study of genitalia, *viz*: that such families must be separated from the Tenebrionidæ; and I can see no better place for them than one following (on account of their more derivative tarsi) the other soft beetles. The publication of Dr. Böving's larval studies may, however, supply more information. In some of the families here included the modification of some structures seems to have been very great, as in the overlapping elytra of *Meloe* for example; and these modifications, like others that have been noticed, are correlated with parasitic habits. An extraordinary multiplicity of specific differences also, as usual, mark some of the higher genera, like *Anthicus*; but in spite of such difficulties I hope this union of families into a series or possibly two series if Meloidæ requires greater separation may prove correct.

**STERNOXIA or ELATEROIDEA**

This series seems to have met with considerable approval. I had at first separated Buprestidæ on account of their distinctive larval characters, but the *Rhaeboscelis* larva discovered by Weiss and Nicolay is intermediate and perhaps Cebrionidæ should also be withdrawn for similar reason. The prolongation of the prosternum seems, however, to warrant keeping the series intact.

**MACRODACTYLIA or DRYOPOIDEA**

This series seems to be naturally defined by the extraordinary development of the claws. Its elements are not greatly disputed, but forms like *Placonycha* can only be placed with certainty by knowing the larva.

**DASCILLOIDEA**

Closely connected with Macroductylia through the larval resemblance of *Psephenus* and *Placonycha*, the component parts of Leconte's family Dascillidæ seem to indicate several modified survivals of an ancient group, from which possibly the Phytophaga may have also originated. Their aquatic habits seem like an inheritance from primitive ancestors, but they have acquired a higher degree of specialization than many other of Leconte's Serricorns. Some of the genera now included in Dascillidæ may have to be removed therefrom when the larvæ are better known.

**BYRRHOIDEA**

Byrrhidæ and Dermestidæ are here drawn together with Byturidæ as an offshoot, apparently by its lobed tarsi of most primitive character. Taken collectively, they seem to have preserved more primitive characters than most of Leconte's clavicorn series and should therefore precede the more derivative Clavicornia.

**BOSTRICHODEA**

Leconte's family Ptinidæ, divided into several sub-families by him that have since been raised to families, constitutes the bulk of this series, with Sphindidæ and Cisidæ added though the Sphindidæ may also be related to the next series. The antennæ in the primitive forms are filiform, but rapidly become clavate; this series, like the last, refuses to be classified by the antennal characters.

**CLAVICORNIA or CUCUJOIDEA**

This series is copied from Ganglbauer, but with Byrrhoidea and Coccinellidæ removed. Some of my friends advocate including Byturus on account of its close relation to Mycetophagidæ. It is still very heterogeneous and requires more study. It seems to me to unite, without a sufficient bond, the remnants of several ancient groups; but no one has yet succeeded in detecting their characteristics. Handlirsch separates the family Cucujidæ as a separate series.



**COCCINELLOIDEA**

It is with the hope that Verhoeff is partly right in claiming a special place for this family that I have separated them. The phytophagous-like larva of *Hyperaspis* as described by Böving,<sup>1</sup> the extraordinary larvæ of the other genera, seem to justify this course, as well as the adult characters. Handlirsch (p. 1277) suggests their having become separated from Clavicornia at a very early period.

**TENEBRIONOIDEA**

This series restricted to Cistelidæ, Monommidæ, Lagriidæ, Tenebrionidæ and part of the Melandryidæ, seems fairly consistent, all having the margins of the ventral segments semi-membranous. Like the Clavicornia, the differences in the larvæ seem to indicate more than one origin if their descent could be completely traced. The position here assigned to Tenebrionoidea is relatively high among the series as the result of adopting Sharp and Muir's views as to the significance of the characters they found in the genitalia. If the differences between the genitalia of Mordelloidea and Tenebrionoidea should prove to be only progressive modifications of a single type, as is possible, the position of Tenebrionoidea might be altered, to follow that of Mordelloidea, Cephaloidæ and Oedemeridæ forming a connecting link. Larval resemblances when worked out, may determine this point.

**LAMELLICORNIA or SCARABÆOIDEA**

Have been discussed above. Handlirsch is singularly silent as to the rank of this series, possibly from disagreement with Ganglbauer. Troginae may probably require elevation to family rank, as indicated in conspectus on page 38.

**PHYTOPHAGA or CERAMBYCOIDEA**

Here there seems to have been a modification of the palpi from an enlarged last joint to a partial atrophy, quite the reverse of that observed in previous series and possibly the result of their plant-eating

---

<sup>1</sup> A Generic Synopsis of Coccinellid Larvæ, etc. (Proc. U. S. Nat. Mus. LI, 1917, pp. 621-650).



habits. They have been commonly divided into Cerambycidæ, Bruchidæ and Chrysomelidæ, but the last division should probably be much subdivided, in harmony with the habits and character of the larvæ. Handlirsch (p. 1279) says there have been at least three lines of descent.

### RHYNCHOPHORA

Have been lately discussed in the "Rhynchophora of N. E. America." I have only to add a reference to Dr. Sharp's studies <sup>1</sup> by which *Ithycerus* is shown to belong to the family Belidæ; and Dr. Pierce's recent studies,<sup>2</sup> with which I cannot agree in some points, especially in the transfer of Scolytidæ from Rhynchophora to Phytophaga on the basis of tarsal characters, which have been discussed at length above. The characters developed by Leconte, the rigid palpi and the single gular suture, seem to me to exceed in importance both tarsal and beak characters. The union of Phytophaga and Rhynchophora into a single series has frequently been proposed, but there are weighty reasons against doing so; I am free to say that one of the results of my study has been to discourage all such forced unions and to seek the true lines of descent by isolating aberrant forms. It is quite likely that the resemblance of *Choragus* to the Cryptocephalini, of other Anthribids to the Bruchidæ and of certain Cossonids to Clavicornia, indicates more than one line of ancestry for the Rhynchophora; it may also be urged that the resemblance between certain Scolytids and the Bostrichidæ is the result of convergence following similar habits.

### CONCLUSION

Such matters, however, are outside the domain of the present essay. My object has been to study the phylogeny of the Coleoptera sufficiently to arrange the families as they exist at the present time, substantially in accordance with their relative degree of derivation from the primitive beetles. And even if it could be conclusively shown that Rhynchophora were descended entirely from Phytophaga, and they in turn from Dasycilloidea, which I do not believe, it would not justify a corresponding arrangement of the catalogue. So far from being conclusively shown are such speculations regarding the origin of Rhynchophora, and the

---

<sup>1</sup> Journ. N. Y. Ent. Soc. 1918, pp. 215-218.

<sup>2</sup> Proc. U. S. N. M. LI, 1916, pp. 461-464.

haplogastral resemblance of Staphylinidæ and Lamellicornia urged by Kolbe, that authors are not even agreed upon the origin of the order Coleoptera. While the study of phylogeny is of absorbing interest, carrying us back far beyond historical or even glacial times, for Lyell<sup>1</sup> speaks, perhaps in error, of beetles in the Carboniferous Epoch, it may never, from the scarcity of early fossil insects, have enough facts to prove or disprove some of the extreme views that have been advanced. Disregarding them the phylogenetic consideration of the modifications of beetle structure, as given by Lane, Ganglbauer and Kolbe and analyzed by Gahan, seems to warrant the few changes in the Leconte classification that I have adopted.

My final conclusion is, that bearing in mind the speculative character of the phylogeny of the Coleoptera, and the failure of any theory thus far advanced to reconcile all the facts of larval, adult and fossil studies, it would be premature to base any radical changes in Leconte's classification thereon. The division of the order by recognition of the Adephaga as a sub-order seems to have become established since Dr. Leconte's time; but the inclusion in Adephaga of Rhysodidæ and Cupeidæ on the basis of venation and propleural sutures is forbidden by every other character we have considered. The division of the remainder of the Coleoptera into more series than Leconte contemplated seems also to be justified; and the arrangement of these series in such sequence as their phylogenetic rank suggests seems, though still somewhat open to argument, better than one based on the assumed importance of tarsi, antennæ or any other separate structure, or even partial combination of structures. Acting upon these ideas I have altered the place assigned by Dr. Leconte to the heteromorous series and reversed the relative position of his serricorn and clavicorn families, because I believe the latter are plainly the more derivative. Some minor changes, as in family names and division of families, have been made to harmonize our list with recent European research, but these do not affect the main principles of the classification. The net result is given below in a conspectus of families.

In closing these remarks, intended to explain as well as I can the reasons for making some changes that seemed unavoidable, I wish to express my appreciation of the kindness of some friends, especially Wm. T. Davis and Andrew J. Mutchler, who have frequently discussed the matters involved, and E. A. Schwarz and Herbert S. Barber, whose criticism of my first results, and communication of unpublished larval

---

<sup>1</sup> Elements of Geology, 1868, p. 494.

studies, were of prime assistance. The criticisms of Dr. Joseph Bequaert and Mr. Charles Schaeffer, while my remarks were under discussion at meetings of the New York Entomological Society, also saved me from some errors. Finally, Dr. Frank E. Lutz has been good enough to read the Mss. from the standpoint of general biology and evolution, and Dr. Adam Böving has, with great generosity, told me of some results of his deep studies of the larvæ of Coleoptera, in advance of his own publication thereof, thereby enabling me to indicate some, at least, of the points of difference.



## CONSPECTUS OF FAMILIES OF COLEOPTERA

Following Leconte Classification, modified to accord with recent phylogenetic studies, and embodying changes in family names required by priority:

### Sub-order **ADEPHAGA**

- Caraboidea:** 1. Cicindelidæ, 2. Carabidæ, 3. Amphizoidæ, 4. Omophronidæ, 5. Haliplidæ, 6. Dytiscidæ.  
**Gyrinoidea:** 7. Gyrinidæ.

### Sub-order **POLYPHAGA**

- Hydrophiloidea:** 8. Hydrophilidæ (including *Hydroscaphinæ*).  
 (= *Palpicornia*)  
 (*STAPHYLINIFORMIA* or *BRACHELYTRA* auct.).  
**Silphoidea:** 9. Platypsyllidæ (= *Acreioptera* Westw.), 10. Brathinidæ, 11. Leptinidæ, 12. Silphidæ, 13. Clambidæ, 14. Scydmaenidæ, 15. Orthoperidæ? (= *Corylophidæ*).  
**Staphylinoidea:** 16. Staphylinidæ, 17. Pselaphidæ, 18. Clavigeridæ, 19. Ptilidæ? (= *Trichopterygidæ*), 20. Scaphidiidæ, 21. Sphaeritidæ, 22. Sphaeriidæ, 23. Histeridæ?  
 (*POLYFORMIA* auct.) (*SERRICORNIA* in part).  
**Cantharoidea:** 24. Lycidæ, 25. Lampyridæ, 26. Phengodidæ, 27. Cantharidæ, 28. Melyridæ (= *Malachiidæ*), 29. Cleridæ, 30. Corynetidæ.  
**Lymexyloidea:**? 31. Telegeusidæ? 32. Lymexylidæ, 33. Micromalthidæ?  
 (= *Teredilia*)  
**Cupesoidea** 34. Cupesidæ.  
 (= *Archostemata*)  
**Mordelloidea:**? 35. Cephaloidæ? 36. Oedemeridæ? 37. Mordellidæ, 38. Rhipiphoridæ, 39. Meloidæ? 40. Eurystethidæ (= *Aegialitidæ*), 41. Othniidæ, 42. Pythidæ, 43. Pyrochroidæ, 44. Pedilidæ, 45. Anthicidæ, 46. Euglenidæ (= *Xylophilidæ*).  
**Elateroidea:** 47. Cerophytidæ, 48. Cebrionidæ, 49. Plastoceridæ, 50. Rhipiceridæ, 51. Elateridæ, 52. Eucnemidæ, 53. Throscidæ (or *Trixagidæ*), 54. Buprestidæ.  
 (= *Sternoxia*)  
**Dryopoidea:** 55. Psephenidæ? 56. Dryopidæ (= *Parnidæ*), 57. Elmidæ, 58. Heteroceridæ, 59. Georyssidæ.  
**Dascilloidea:** 60. Dascillidæ, 61. Eucinetidæ, 62. Helodidæ (or *Cyphonidæ*).  
**Byrrhoidea:** 63. Chelonaridæ, 64. Dermestidæ, 65. Byrrhidæ, 66. Nosodendridæ.  
 (*CLAVICORNIA* auct.).  
**Rhysodoidea:**? 67. Rhysodidæ?  
**Cucujoidea:** 68. Ostomidæ? (= *Trogositidæ*, *Temnochilidæ*), 69. Nitidulidæ, 70. Rhizophagidæ, 71. Monotomidæ, 72. Cucujidæ, 73. Erotylidæ, 74. Derodontidæ? 75. Cryptophagidæ, 76. Byturidæ, 77. Mycetophagidæ, 78. Colydiidæ, 79. Murmidiidæ, 80. Monoedidæ (= *Adimeridæ*), 81. Lathridiidæ, 82. Mycetæidæ, 83. Endomychidæ, 84. Phalacridæ, 85. Coccinellidæ (= *Eleutheresiphona*).  
**Tenebrionoidea:**? 86. Alleculidæ (= *Cistelidæ*), 87. Tenebrionidæ, 88. Lagriidæ, 89. Monommidæ, 90. Melandryidæ?  
**Bostrichoidea:** 91. Ptinidæ, 92. Anobiidæ, 93. Bostrichidæ, 94. Lyctidæ, 95. Sphindidæ? 96. Cisidæ.

(*LAMELLICORNIA* auct.).

- Scarabæoidea:** 97. Scarabæidæ, 98. Trogidæ, 99. Lucanidæ, 100. Passalidæ.

(*PHYTOPHAGA* auct.).

- Cerambycoidea:** 101. Cerambycidæ, 102. Chrysomelidæ, 103. Mylabridæ (= *Bruchidæ*).

(*RHYNCHOPHORA* auct.).

- Brentoidea:** 104. Brentidæ.  
**Curculionoidea:** 105. Belidæ (*Ithycerus*), 106. Platystomidæ (= *Anthribidæ*), 107. Curculionidæ.  
**Scolytoidea:** 108. Platypidæ, 109. Scolytidæ.

The family Stylopidae (of previous lists) is here regarded as an order, Strepsiptera, and is treated in an appendix.

Certain changes were made in this conspectus after Mr. E. A. Schwarz had read the galley proof, whereby the position of Othniidæ and Byturidæ was altered and Trogidæ was raised to family rank. The serial numbering had however, been completed so that it was not practicable to make corresponding changes therein. The position of other families has also been criticized as well as the composition of the Mordelloidea and Tenebrionoidea; such comments by Mr. Schwarz, Dr. Böving and other friends are indicated by ? after the name. The conspectus thus shows some of the uncertainties that still remain in the classification of Coleoptera as well as the progress that has been made.



# ADEPHAGA

## CARABOIDEA

### CICINDELIDÆ

Lec. 57; Schaupp 83; Csy. 97, 09, 14, 16; Leng 02; W. Horn 08, 10, 15; Harris 11; Schffr. 18.

#### MEGACEPHALINI—OMINA

##### Amblycheila Say 23-139

(*Chaleposomus* Chd. 60-337)

(*Amblychila*† auct.)

- |                                |               |
|--------------------------------|---------------|
| 1. cylindriciformis Say 23-139 | Kan. Col.     |
| a. picolomini Rche. 39-560     | Ariz. [N.Mex. |
| 2. baroni Riv. 90-111          | Ariz.         |
| enodis Csy. 16-5               | Ariz.         |
| a. longipes Csy. 09-253        | Ariz.         |
| 3. schwarzi W. H. 03-196       | Ariz. Utah    |
| picolomini† Riv. 93-219        |               |

##### Omus Esch. 29-3

(*Megomus* Csy. 14-1)

- |                         |              |
|-------------------------|--------------|
| 4. dejeani Rche. 38-299 | B.C.Or.Mont. |
| a. foveatus Csy. 16-7   |              |
| b. robustus Csy. 16-8   |              |

(*Omus* s. str. Csy. 14-1)

\*

- |                                     |               |
|-------------------------------------|---------------|
| 5. audouini Rche. 38-300            | B.C.-No. Cal. |
| a. rugipennis Csy. 14-3             | No. Cal.      |
| b. brevicornis Csy. 16-8            | Humb.Co.Cal.  |
| c. æquicornis Csy. 16-9             | Jos. Co. Or.  |
| d. delicatulus Csy. 16-9            | Or.           |
| e. tacomæ Csy. 16-9                 | Wash.         |
| f. distans Csy. 16-10               | Wash.         |
| 6. parvulus Csy. 14-3               | Or.           |
| 7. ambiguus Schp. 83-121            | Shas.Co. Cal. |
| a. solidulus Csy. 14-3              | Sisk.Co. Cal. |
| b. humeralis Csy. 16-10             | Humb.Co.Cal.  |
| 8. humeroplanatus W. H. 13-351      | Shas.Co. Cal. |
| 9. angusto-cylindricus W. H. 13-348 | [Las.Co. Cal. |
| cylindricus Csy. 14-4               | Shas.Co. Cal. |
| 10. shastanicus Csy. 16-11          | Shas.Co. Cal. |
| a. cephalicus Csy. 16-11            | Shas.Co. Cal. |
| b. tenuiculus Csy. 16-12            | Shas.Co. Cal. |
| 11. thoracicus Csy. 16-11           | Klam.Co. Or.  |

\*\*

- |                                |                |
|--------------------------------|----------------|
| 12. californicus Esch. 29-3    | Cal.           |
| hornianus W. H. 92-91          | Cal.           |
| ? xanti Lec. 59-69             | Ft.Tejon, Cal. |
| a. vermiculatus Csy. 14-5      | Cal.           |
| b. latipennis Csy. 16-13       | Cal.           |
| c. sculptilis Csy. 97-289      | Cal.           |
| d. opacipennis Csy. 16-13      | Cal.           |
| 13. mimus Csy. 09-256          | Cal.           |
| a. semilucens Csy. 16-12       | Cal.           |
| b. diminuens Csy. 16-13        | Cal.           |
| 14. oregonensis Csy. 14-15     | Jos.Co. Or.    |
| mimus † W. H. 10-293           |                |
| 15. cupreonitens B. & R. 17-49 | Humb.Co.Cal.   |
| vandykei † auct. nec W. H.     |                |
| 16. vandykei W. H. 03-185      | Or.            |

\*\*\*

- |                            |               |
|----------------------------|---------------|
| 17. edwardsi Cr. 74-73     | Plac.Co. Cal. |
| a. lobatus Csy. 09-261     | Plac.Co. Cal. |
| lucidicollis Csy. 09-262   | Plac.Co. Cal. |
| 18. montanus Csy. 97-289   | Plac.Co. Cal. |
| a. brunnescens Csy. 09-262 | Plac.Co. Cal. |

##### Omus Esch.

\*\*\*\*

- |                             |               |
|-----------------------------|---------------|
| 19. intermedius Leng 02-100 | Mari.Co. Cal. |
| a. blaisdelli Csy. 09-260   | Cala.Co. Cal. |
| b. cribripennis Csy. 09-261 | Eldo Co. Cal. |
| 20. parvicollis Csy. 09-260 | Tul.Co. Cal.  |
| a. procerus Csy. 09-259     | Tul.Co. Cal.  |
| b. spissipes Csy. 14-8      | Tul.Co. Cal.  |
| c. ovipennis Csy. 16-14     | Tul.Co. Cal.  |

\*\*\*\*\*

- |                                |                |
|--------------------------------|----------------|
| 21. lecontei Horn 72-143       | Mont.Co. Cal.  |
| a. elongatus Csy. 97-289       | Cal.           |
| b. dunni Csy. 09-258           | Cal.           |
| c. regularis Csy. 09-258       | Cal.           |
| d. maritimus Csy. 09-258       | Mont.Co. Cal.  |
| 22. fuchsi W. H. 03-188        | Mont.Co. Cal.  |
| 23. lacertus Csy. 16-15        | Mont.Co. Cal.  |
| 24. borealis Csy. 09-256       | Or.            |
| a. intermedio-pronotalis W. H. | 13-346         |
| pronotalis Csy. 14-10          | [Plum.Co. Cal. |
| b. nunenmacheri W. H. 13-347   | Las. Co. Cal.  |

\*\*\*\*\*

- |                             |                |
|-----------------------------|----------------|
| 25. sequoiarum Cr. 74-73    | Cala.Co. Cal.  |
| a. lugubris Csy. 97-289     | Cal.           |
| b. sierracola Csy. 97-289   | Cala.Co. Cal.  |
| c. longitarsis Csy. 14-12   | Cala.Co. Cal.  |
| 26. fraterculus Csy. 09-263 | Plac.Co. Cal.  |
| 27. punctifrons Csy. 97-289 | Sier. Co. Cal. |
| a. degener Csy. 09-263      | Sier. Co. Cal. |
| b. confluens Csy. 97-289    | Cal.           |
| 28. laticollis Csy. 16-16   | Tuol.Co. Cal.  |
| 29. temperatus Csy. 14-15   | Tuol.Co. Cal.  |
| a. difficilis Csy. 16-17    | Mari.Co. Cal.  |
| b. mariposæ Csy. 16-17      | Mari.Co. Cal.  |
| c. sparsellus Csy. 16-18    | Mari.Co. Cal.  |
| 30. subsericeus Csy. 16-18  | Tul.Co. Cal.   |
| 31. collaris Csy. 09-265    | Mari.Co. Cal.  |
| a. antennalis Csy. 16-19    | Mari.Co. Cal.  |
| b. trapezicollis Csy. 16-19 | Mari.Co. Cal.  |
| c. erraticus Csy. 16-20     | Tuol.Co. Cal.  |
| 32. horni Lec. 75-157       | Mari.Co. Cal.  |
| a. punctatus Csy. 16-23     | Tuol.Co. Cal.  |
| b. propinquus Csy. 16-21    | Mari.Co. Cal.  |
| c. asperatus Csy. 16-22     | Tuol.Co. Cal.  |
| d. sinuosus Csy. 16-23      | Mari.Co. Cal.  |
| e. granosus Csy. 16-22      | Mari.Co. Cal.  |
| f. compositus Csy. 09-265   | Mari.Co. Cal.  |
| g. faretus Csy. 16-23       | Mari.Co. Cal.  |
| h. brevis Csy. 16-21        | Tuol.Co. Cal.  |
| 33. marginalis Csy. 16-24   | Tuol.Co. Cal.  |

\*\*\*\*\*

- |                               |               |
|-------------------------------|---------------|
| 34. lævis Horn 66-394         | Tul.Co. Cal.  |
| a. peropacus Csy. 16-25       | Tul.Co. Cal.  |
| 35. tularensis Csy. 09-265    | Fres.Co. Cal. |
| a. gracilior Csy. 09-266      | Tul.Co. Cal.  |
| b. opacellus Csy. 14-16       | Tul.Co. Cal.  |
| c. remissus Csy. 16-25        | Tul.Co. Cal.  |
| ( <i>Leptomus</i> Csy. 14-1)  |               |
| 36. submetallicus Horn 68-129 | Cal. Or. ?    |

## MEGACEPHALINI — (MEGACEPHALINA)

- |                             |               |                           |                 |
|-----------------------------|---------------|---------------------------|-----------------|
| <b>Tetracha</b> Hope 38-6   |               | <b>Tetracha</b> Hope      |                 |
| 37. carolina (L.) 66-657    | Va. Fla. Tex. | b. floridana Leng 16-688  | So. Fla.        |
| carolinensis (Latr.) 06-175 |               | 38. virginica (L.) 66-657 | L.S. Fla. Colo. |
| a. mexicana (Gray) 32-263   | N. Mex. Cal.  | virginata (L.) 88-1922    | Tex. [Ind.]     |

## CICINDELINI

- |   |                  |                                |                   |
|---|------------------|--------------------------------|-------------------|
| <b>Cicindela</b> L. 58-407 <sup>1</sup> |                  | <b>Cicindela</b> L.            |                   |
| I.                                      |                  | 46. cimarrona Lec. 68-49       | N. Mex. Colo.     |
| 39. formosa Say 17-19                   | Tex.-Ia. Id.     | ardelio Csy. 13-21             | N. Mex.           |
| luxuriosa Csy. 13-24                    | Colo.            | 47. decemnotata Say. 17-19     | Alas. Wy. Alb.    |
| a. manitoba Leng. 02-137                | Man.             | albertina Csy. 13-24           | Alb.              |
| b. generosa Dej. 31-231                 | Mc.-W. Va.-Ia.   | a. lantzi E. D. H. 13-68       | Colo.             |
|   | [Ind.]           |                                | [N. Y. Ind.]      |
| latecincta Lec. i. litt.                | O. Kan. Neb.     | 48. ancocisconensis Harr. 52-1 | N. H. W. Va. Ill. |
| 40. lengi W. H. 08-738                  | Dak.-N. Mex.     | catherina Harr. i. litt.       |                   |
| venusta    Lec. 48-179                  |                  | dowiana Csy. 14-23             | N. Y.             |
| versuta Csy. 13-24                      | Man. Alb.        | carolinae Csy. 16-28           | N. C.             |
| gracilentia Csy. 13-25                  | Mont.            | ericensis Csy. 16-29           | N. Y.             |
| 41. limbata Say 23-141                  | Man. Neb. Col.   | 49. duodecinguttata Dej. 25-73 | Nfld. Sask. Ga.   |
| limbigera G. & H. 68-20                 |                  |                                | Mich. Tex.        |
| a. nympha Csy. 13-20                    | Man. Sask.       | hudsonica Csy. 16-29           | H. B. T. [Ind.]   |
| b. hyperborea Lec. 63-1                 | H. B. T.         | proteus Kby. 37-9              | H. B. T.          |
|   | {                | bucolica Csy. 13-28            | Man.              |
| 42. purpurea Oliv. 90-14                | N. E. U. S. Can. | sterope Csy. 13-28             | Kan.              |
| marginalis Fab. 01-240                  | Ind. B. C. Que.  | 50. repanda Dej. 25-74         | Que. Sask. Ga.    |
| ramosa Melsh. i. litt.                  | N. Eng. N. Y.    |                                | N. Mex. Or.       |
| superba Dahl i. litt.                   | N. J. Pa. Md.    |                                | Mich.             |
|   | Va. Ill. Wis.    |                                | Ind.              |
|   | N. C. Ky. Ten.   | hirticollis Gould 34-49        |                   |
| spretia Lec. 57-37                      | Kan. Dak. Mch.   | baltimorensis Lec. 57-43       |                   |
|   | N. Y.            | a. unijuncta Csy. 97-299       | El Paso, Tex.     |
| a. auduboni Lec. 45-207                 | [N. Mex. Colo.]  | 51. hirticollis Say 17-20      | Que. Sask. Fla.   |
|   | Sask. Ill.-Alb.  |                                | Tex. Mich.        |
|   | [Or. Alb. Ut.]   | interpunctata Melsh. i. litt.  | Ind.              |
| b. graminea Schp. 83-89 ex parte        | Colo. Kan.       | albohirta Dej. 26-425          |                   |
| auguralis Csy. 13-21                    | Colo.            | dejeani Lec. i. litt.          |                   |
| c. pugetana Csy. 14-20                  | B. C.            | humeralis Lec. i. litt.        |                   |
| limbalis† Lec. 56                       |                  | unita Kollar 36-330            |                   |
| inducta Csy. 13-22                      | Colo.            | hydropica Dup. i. litt.        |                   |
| d. nigerrima Leng. 18-139               | Alb. Kan. Ill.   | a. ponderosa Thoms. 59. 89     | Mex. (U.S?)       |
| auduboni    Lec. 57-37                  |                  | b. rhodensis Calder 16-93      | R. I. Mass. L. I. |
| 43. lauta Csy. 97-296                   | Wash.-Cal.       | nigrita    Dav. 03-273         |                   |
| franciscana Csy. 13-23                  | Cal.             | c. abrupta Csy. 13-31          | Cal.              |
| a. mirabilis Csy. 14-358                | Cal.             | d. gravida Lec. 51-170         | Cal.              |
| graminea Schp. 83-89 ex parte           |                  | e. shermani Csy. 16-30         | Mich.             |
| 44. splendida Hentz 30-254              | N. Y. N. C. Col. | 52. latesignata Lec. 51-172    | So. Cal.          |
| discus Klug 34-23                       | Kan. Neb. La.    | a. obliviosa Csy. 13-7         | So. Cal.          |
| a. transversa Leng 02-131               | Me. N. J. Ga.    | tenuicincta † Blaisd. 92-47    | So. Cal.          |
|   | [Kan.]           | 53. tranquebarica Hbst. 06-178 | Que. Wis. S. C.   |
| b. denverensis Csy. 97-297              | Colo. Kan. Neb.  |                                | Kan.              |
|   | [Dak.]           | vulgaris Say 18-409            | Ind. Mich.        |
| graminea† Csy. 13-21                    |                  | obliquata Dej. 25-72           |                   |
| conquisita Csy. 14-357                  | Neb.             | turbulenta Csy. 13-25          | Miss.             |
| oreada Csy. 14-358                      | Neb.             | wichitana Csy. 14-21           | Kan.              |
| c. ludoviciana Leng. 02-131             | La.              | a. lassenica Csy. 14-22        | Cal.              |
|   | [N. Mex. O.]     | b. minor Leng 10-80            | N. C. La.         |
| 45. limbalis Klug. 34-29                | Nfld. Alb. Sask. | vulgaris-minor E. D. H. 11-18  |                   |
| a. amoena Lec. 48-177                   | Kan. Neb.        | crinifrons Csy. 13-9           | N. C.             |
| splendida† Lec. ‡ 57-36                 |                  | c. horiconensis Leng 02-145    | Nfld. N. Y.       |
| awemeana Csy. 13-23                     | Man.             | d. borealis E. D. H. 11-19     | B. C. Wash.       |
| eldorensis Csy. 13-23                   | Colo.            | c. kirbyi Lec. 66-362          | Wis.-B. C.        |
| b. spretia Lec. 48-177                  | Me.              | obliquata    Kby. 37-10        | [N. Mex.]         |

<sup>1</sup> This list follows that of Dr. Walther Horn in Gen. Ins. fasc. 82C, 1915, in which the names are arranged in four grades. The first and second of these are here marked species, the third as varieties. Those of the fourth grade are unnumbered, but are not to be understood as synonyms, since each usually indicates some difference that (to its author) appeared to require a name. The compiler has prepared a statement for publication explaining the reasons for certain changes that have been made. Names proposed since 1915 are interpolated, as nearly as possible, in harmony with Dr. Horn's system.

**Cicindela L**

- f. admiscens Csy. 13-8 N.Mex.  
 ?diffracta Csy. 09-273 N.Mex.  
 54. sierra Leng 02-144 Cal.  
 55. vibex Horn 66-395 B.C.Wash.Or.  
   roguensis E.D.H. 01-226 Nev.  
   parallelnota Csy. 14-21 So. Cal.  
   a. viridissima Fall 10-89 So. Cal.  
   b. inyo Fall 17-106 So. Cal.  
   c. owena Fall 17-106 Nev.  
   d. moapana Csy. 14-22 Or. (Nev?)  
 56. plutonica Csy. 97-296 Ut.  
 57. tenuicincta Schp. 83-122 Or.  
 58. bellissima Leng 02-116 Alas.Nfld.  
   hyperborea ‡ Horn 66-397 Cal.N.Mex.  
 59. longilabris Say 24-268 Wash.N.S.  
   albilabris Kby. 37-12 Can.Me.N.H.  
   N.Y.Ill.  
   Wis.Mich.  
   Dak. Colo. Ut.  
   Nfld.  
   Id. Wy. Ut.  
   Man. Sask.  
   Mont. Alb.  
   Alb.  
   Neb. Wy.  
   Alb.  
   Mont. Alb.  
   Man. [B.C.  
   Wash. Ariz.  
   Colo.B.C.Nev.  
   Id.  
   Colo.(N.Mex.  
   Cal. [Ut.?)  
   No.Cal.Or.  
   Wash.Nev.  
   Cal.Or.Alas.  
   Mont.Ut.Id.  
   B.C.  
   Cal.  
   Nev.  
   Nev.  
   Colo.N.Mex.  
   Colo.  
   Ariz.  
   Cal. Wash.  
   Cal.  
   Cal.  
   Cal.  
   Wy.  
   Ut. Nev.  
   Cal.  
   So. Cal.  
   Col. Man. Wy.  
   N.Mex.Neb.  
   Kan.  
   S.W.Utah  
   Colo.Kan.Tex.  
   Ariz. [N.Mex.  
   Ariz.  
   Wy.Ark.Okla.  
   Ind.Ont.-Neb.  
   Man. [Kan.  
   Mass. N.C.
- a. novaterræ Leng 18-140  
 b. montana Lec. 61-338  
   canadensis Csy. 13-17  
 c. nebraskana Csy. 09-268  
   calgaryana Csy. 14-18  
 d. vestalia Leng 02-121  
 e. spissitarsis Csy. 13-18  
 f. osleri Leng 02-121  
 g. laurenti Schp. 83-87  
 h. perviridis Schp. 83-87  
   ostenta Csy. 13-17  
   placerensis Csy. 13-18  
 60. eureka Fall 01-307  
 61. oregona Lec. 57-41  
   senilis ‡ Csy. 97-297  
   sonoma Csy. 13-29  
   quadripennis Csy. 13-30  
   ovalipennis Csy. 13-30  
   a. guttifera Lec. 57-42  
   audax Csy. 13-29  
   b. maricopa Leng 02-147  
 62. depressula Csy. 97-297  
   a. scapularis Csy. 09-272  
 63. senilis Horn 66-395  
   exoleta Csy. 09-272  
 64. willistoni Lec. 79-507  
   a. echo Csy. 97-298  
   amadensis Csy. 09-272  
   b. pseudosenilis W. H. 00-217  
 65. fulgida Say 23-141  
   a. parowana Wickh. 05-165  
 66. pulchra Say 23-142  
 67. pimeriana Lec. 66-363  
   viatica || Lec. 57-62  
   cochisensis Csy. 09-274  
 68. scutellaris Say 23-140  
   a. lecontei Hald. 53-361  
   b. criddlei Csy. 13-6  
   c. rugifrons Dej. 25-51

**Cicindela L**

- denticulata Harr. i. litt.  
 oberleitneri Gistl. 37-55  
 varians Harr. i. litt.  
 mutans Harr. i. litt.  
 variata Harr. i. litt.  
 d. carolina E. D. H. 11-28 Va.-Fla.  
 e. unicolor Dej. 25-52 N.C.-Fla.-Tex.  
 f. nigrior Schp. 83-87 Ala. Ga. Fla.  
 g. modesta Dej. 25-52 R.I.-N.C.  
 obscura || Say 17-418  
   II.  
 69. sexguttata Fab. 75-226 Nfld.-N.Mex.  
   guttata Emmons 54. 35 [Ind.  
   thalassima Dej. i. litt.  
   variens Ljungh 99-147  
   quadriguttata Dav. 03-271 Quc.-Tex.  
   a. levettei Csy. 09-270 Ia. La.  
   tridens Csy. 09-271 Kan. Neb.  
   b. violacea Fab. 01-232 Neb. Kan.  
   c. harrisi Leng 02-128 Can.Me.-N.C.  
   Ga.  
   R.I.N.Y.Ga.  
   Mich.Ind.  
 70. patruela Dej. 25-62  
   montana Hentz i. litt.  
   a. consentanea Dej. 25-63 L.I.N.Y.N.J.  
   Pa.  
   III.  
 71. nigrocœrulea Lec. 48-181 Colo. Tex.  
   robusta Leng 02-124 Ariz.N.Mex.  
   feminalis Csy. 09-269 Tex.  
   triplicans Csy. 09-270 Colo.  
   velutoidea Csy. 09-270 Colo.  
   a. snowi Csy. 09-269 (Colo.?)  
   b. bowditchi Leng 02-124 Ariz.  
 72. horni Schp. 83-80 Colo.  
   anthracina || Horn 80-139 Ariz. Tex.  
   a. ritteri Bates 90-496 Ariz.Tex.Mex.  
 73. obsoleta Say 23-143 N.Mex. Tex.  
   a. vulturina Lec. 53-439 Colo. Kan.  
   b. prasina Lec. 57-31 Tex.  
   c. santaclaræ Bates 90-493 Kan. Tex.  
   d. anita Dow 11-271 N.Mex.  
   e. juvenilis W. H. 97-169 N.Mex. Ariz.  
 74. punctulata Oliv. 90-27 Kan.  
   micans Fab. 98-61 N.Mex. Colo.  
   obscura Melsh. 06-46 Me.-Ariz.  
   jenisoni Gistl. 37-55 Can.Wis.Fla.  
   boulderensis Csy. 09-271 Ind. Mich.  
   prolixa Csy. 16-33 Colo.  
   fontinaria Csy. 16-33 Colo.  
   a. chihuahua Bates 90-500 N.Mex.  
   micans ‡ Say 18-426 (?Kan.) Ariz.  
 75. tenuisignata Lec. 51-171 [Mex.N.Mex.  
   psilogramma Bates 90-507 Ariz. So.Cal.  
   severa Laf. 41-41 Tex. Mex.  
   striga Lec. 75-160 Mx.  
   V. Ala. La. Tex.  
   Fla. N.Mex.  
   Fla.  
   VI.  
 78. lemniscata Lec. 54-220 Tex.-So.Cal.  
   obscura Hoege i. litt. Mex.  
   VI.  
 79. abdominalis Fab. 01. 237 L.I. N.Y. Fla.  
   [La.



**Cicindela L.**

- faceta Csy. 13-38 ? N.J.  
 ventralis Newn. 38-414 Fla.  
 a. scabrosa Schp. 83-84 Fla.  
 extenuata Csy. 13-38 Fla.  
 80. politula Lec. 75-159 Tex. Mex.  
 cribrum Csy. 13-39 Tex.  
 81. rufiventris Dej. 25-102 Miss. Tex. N.J.  
 Ala. N.C. Ky.  
 Ga. Ind. Pa.  
 Md. Va. W. Va.  
 Ala.  
 collusor Csy. 13-39  
 a. cumatilis Lec. 51-173 Ala. Tex. La.  
 guexiana Chev. 52-419 [Ky.  
 b. hentzi Dej. 31-248 Mass. (Pa.  
 hæmorrhoidalis || Harr. 28-91 [Csy.)  
 erythrogaster Harr. i. litt.  
 82. sedecimpunctata Klug 34-32 Tex. Ariz.  
 rubriventris Chev. 35-101 Mex. [N.Mex.  
 ventanasa Bates 90-503 Mex.  
 sonorana Csy. 13-40 Ariz. N.Mex.  
 83. flavopunctata Chev. 34-28 Mex. (not  
 U.S.)  
 a. rectilatera Chd. 43-693 Tex. Mex.  
 decostigma Lec. 57-54  
 texana Lec. i. litt.  
 84. marginipennis Dej. 31-260 N.Y. Pa. O.  
 85. rosciventris Chev. 34-29 Mex. (not  
 a. tascosaensis Davis 18-34 Tex. [U.S.)  
 86. carthagena Dej. 31. 229 Mex. L. Cal.  
 a. hentziana Leng 18-139 L. Cal. Ut.  
 hentzi † Horn 94-307 N. Mex.  
 b. ?woodgatei Csy. 13-40 Ut.-So. Cal.  
 c. hæmorrhagica Lec. 51-171 Wy. Or.  
 d. bisignata Dokh. 83-12 So. Cal. Ut.  
 e. pacifica Schp. 83-84 So. Cal. Nev.  
 f. arizonæ Wickh. 99-226 Ariz.  
 87. sommeri Mann. 37-7 Mex. (S. Cal.?)  
 höpfneri Dej. i. litt.  
 fusconigra Höpf. i. litt.  
 ruricola Gistl. 37-28  
 ferrugata Putz. 45-366  
 VII.  
 88. arizonensis Bates 84-260 Mex. Ariz.  
 viridisticta † Schp. 83-103  
 89. wickhami W. H. 03-182 Ariz.  
 lemnisticta Smyth 08-188  
 VIII.  
 90. debilis Bates 90-509 Mex. (U.S.?)  
 a. segnis E. D. H. 13-69 Ariz.  
 91. celeripes Lec. 48-183 Ill. Okla. Ia.  
 92. cursitans Lec. 57-60 Neb. Kan.  
 Ill. La. Ia.  
 Neb. Ala.  
 93. unipunctata Fab. 75-225 N.Y. Ga. Mo.  
 obsoleta Dej. i. litt. [Ky. Ind.  
 94. pusilla Say 17-21 Sask. B.C.  
 Cal. Kan.  
 Neb. Tex.  
 terricola Say 24-269 Neb.  
 sayanella Csy. 14-19 Or. Wash. Tex.  
 a. imperfecta Lec. 51-171 Cal. Ut. Nev.  
 b. cinctipennis Lec. 48-182 Sask. Mont.  
 N. Mex. Cal.  
 c. cyanella Lec. 57-46 Dak. Kan. Cal.  
 d. lunalonga Schp. 83-122 Cal.

**Cicindela L.**

- d. tuolumnæ Leng 02-157 Cal.  
 tularensis Csy. 14. 19 Cal.  
 95. schauppi Horn 76-240 Tex. Okla.  
 96. circumpecta Laf. 41-39 Neb. Tex.  
 collaris Laf. 41-95 [Ariz. Colo.  
 johnsoni Fitch 56-487  
 a. ambiens Csy. 13-33 Kan.  
 inspicens Csy. 13-33 Tex.  
 97. californica Men. 44-52 So. Cal. Mex.  
 a. prætextata Lec. 54-220 Tex. Ut. Ariz.  
 fulgoris Csy. 13-34 Tex.  
 stringens Csy. 13-34 Tex.  
 IX.  
 98. trifasciata Fab. 81. 286 W. I.  
 a. tortuosa Lec. 51-172 N.C. Fla. Tex.  
 ascendens Lec. 51-172 [Mex.  
 serpens Lec. 51-173  
 sigmoidea † Chd. 54-113  
 b. sigmoidea Lec. 51-172 So. Cal.  
 X.  
 99. gabbi Horn 66. 395 So. Cal.  
 XI.  
 100. chlorocephala Chev. 34-32 Mex. not U.S.  
 a. smythi E. D. H. 13-67 Tex.  
 XII.  
 (Habroscelimorpha Dokht. 83-69)  
 101. dorsalis Say 17-20 Mass. R. I.  
 signata Dej. 25-124 [N.Y. N.J.  
 munifica Csy. 13-31 R. I.  
 semipicta Csy. 97-299 N.J.  
 a. media Lec. 57-47 Del. Fla.  
 b. castissima Bates 84-260 Ala.-Tex.  
 c. saulcyi Guér. 40-37 Tex. Fla.  
 apricoidea Csy. 13-32 La. Miss.  
 d. venusta Laf. 41-37 Tex. Ga. Miss.  
 saulcyi † Schp. 83-99 [Ala.  
 XIV.  
 102. pamphila Lec. 73-321 Tex. La.  
 XV.  
 (Elliptoptera Dokh. 83-70)  
 103. hamata Aud. & Br. 39-132 Mex. (U.S.?)  
 cristofori Chev. 41-15  
 reichei Chd. 43-689  
 apicalis Chd. 43-691  
 a. lacerata Chd. 54-115 Fla.-Tex.  
 hamata † Horn 76-236  
 104. marginata Fab. 75-226 Me.-Fla. W. I.  
 variegata Dej. 25-84  
 105. blanda Dej. 31-238 Miss. Ala. Ga.  
 tarsalis Lec. 52-66 [N.C.  
 106. wapleri Lec. 75-158 La. Miss. Ala.  
 107. nevadica Lec. 75-159 Nev.  
 a. knausi Leng 02-166 Neb. Kan. Tex.  
 Colo. N. Mex.  
 lincolniana Csy. 16-32 Neb.  
 108. cuprascens Lec. 52-65 Ind. Dak.-Ark.  
 Ky.  
 amnicola Csy. 13-37 Ky. Ill. Mo.  
 mundula Csy. 13-37 Miss.  
 a. macra Lec. 57-50 Ind. Ill. Minn.  
 mercurialis Csy. 13-36 Ia. [La.  
 topekana Csy. 16-31 Kan.  
 b. puritana Horn 71-325 N.H. Mass.  
 Conn. Md.  
 109. sperata Lec. 57-50 Tex.-So. Cal.  
 a. marutha Dow 11-272 N. Mex. [Mex.



**Cicindela** L.

- b. rubicunda E. D. H. 11-55 N.Mex.  
 c. inquisitor Csy. 97-298 Tex.  
 110. lepida Dej. 31-255 N.J. Ill. Ind.  
 N.Y. N.Mex.  
 Man. Ia. Kan.  
 Kan.  
 Tex. Ala.  
 N.Mex.  
 Kan. Neb.  
 [Colo. Ut.

insomnis Csy. 13-35

111. togata Laf. 41-40

a. fascians Csy. 14-23

b. globicollis Csy. 13-35

apicalis || W. H. 97-17

**Cicindela** L.

112. gratiosa Guér. 40-37 N.C. Fla. Ala.  
 a. hirtilabris Lec. 75-161 Fla.

## XVI.

(*Dromochorus* Guér. 45-1)

113. pilatei Guér. 45-96 La. Tex.

maga Lec. 75-161

114. belfragei Sallé 77-7 Kan. Tex.

pilatei ‡ Lec. 75-161

sericea Csy. 97-294

pruinina Csy. 97-294

**CARABIDÆ**

Horn 81

**CARABINÆ**

## TRACHYPACHINI

**Trachypachus** Mots. 45-86

(*Trachypachys* G. & H. 68)

115. inermis Mots. 45-16 Or. Cal. Wash.  
 holmbergi Mann. 53-119 Alas. B.C. Id.  
 Mont. Nev.  
 Colo.

**Trachypachus** Mots.

116. gibbsi Lec. 61-339

Or. Id. Cal.

## CYCHRINI

Horn 78; Roeschke 07; Casey 97, 14; Schwarz 95

**Scaphinotus** Dej. 26-17

(*Scaphinotus* Dej. s. str.)

117. snowi Lec. 81-74 N.Mex.  
 118. roeschkei Van Dyke 07-135 Ariz.  
 a. fuchsi Roeschke 07-570 Ariz.  
 119. vandykei Roeschke 07-136 Ariz.  
 120. corvus Fall 10-89 Ariz.  
 121. petersi Roeschke 07-137 Ariz.  
 122. mexicanus Bates 82-320 Ariz.  
 123. biedermani Roeschke 07-571 Ariz.  
 124. kelloggi Dury 12-104 N.Mex.  
 125. elevatus (Fab.) 87-198 Ct.-Fla.  
 a. tenebrosus Roeschke 07-141 N.J.-S.C.  
 tenebrosus ‡ auct.  
 unicolor Lec. (nec Fab.) 53-398  
 heros Lec. (nec Harris) 48-440  
 b. flammeus Hald. 44-54 Ind. O.-Mo.  
 dilatatus Lec. 53-398  
 c. floridanus Leng 15-564 Fla.  
 126. coloradensis Van Dyke 07-141 Colo.  
 127. unicolor (Fab.) 87-198 Ala. So. St.  
 a. heros Harr. 39-196 O. Ind.  
 b. shoemakeri Leng 14-143 D.C.  
 (*Irichroa* Newn. 38-385)  
 128. viduus (Dej.) 26-12 Atl. St.  
 unicolor (Knoch) 01-187  
 a. irregularis Beut. 03-513 N.C.  
 b. leonardi Harr. 39-193 N.H.  
 129. andrewsi Harr. 39-195 N.C. Ga.  
 a. aeneicollis Beut. 03-513 N.C.  
 purpuratus Beut. 18-89 N.C.  
 b. tricarinatus Csy. 14-25 N.C.

**Scaphinotus** Dej.

- c. violaceus Lec. 63-4 Ga.  
 130. germari Chaud. 61-495 Pa.-Ind.  
 131. guyoti Lec. 66-363 N.C.  
 angelli Beut. 18-89 N.C.  
 132. ridingsi Bland 63-353 Va. D.C.  
 a. monongahelæ Leng 17-36 Pa.-Tenn.

**Nomaretus** Lec. 53-399

133. cavicollis Lec. 59-3 Mo.-Tex.  
 134. bilobus (Say) 25-73 N.Y. Mo.-  
 Minn. L.Sup.  
 135. fissicollis Lec. 53-399 Ill.-Tex.

**Maronetus** Csy. 14-30

136. imperfectus (Horn) 60-569 Pa.-N.C.  
 a. tenuis Csy. 14-31 N.C.  
 137. hubbardi (Sz.) 95-272 N.C.  
 138. incompletus (Sz.) 95-271 Va.  
 139. debilis (Lec.) 53-399 Ga.  
 a. alpinus (Beut.) 03-512 N.C.  
 140. schwarzi (Beut.) 13-139 N.C.

**Pseudonomaretus** Roeschke 07-154

141. merkei (Horn) 90-71 Id.  
 a. idahoënsis (Webb) 01-133 Id.  
 142. relictus (Horn) 81-188 Id. Wash.  
 a. regularis (Lec.) 85-2 Id. Wash.

**Pemphus** Mots. 65-312

143. angusticollis (Mann.) 24-46 Asia Alas.-Or.  
 a. nigripennis Roeschke 07-167 Alas.-Cal.  
 b. longipes Csy. 97-539 No. Cal.  
 c. velutinus (Men.) 44-53 Alas. No. Cal.  
 opacus Csy. 99-97

**Brennus Mots. 65-311**

144. *cordatus* (Lec.) 53-399 Cal.  
 145. *marginatus* (Fisch.) 22-79 Alas.-Or.  
   a. *insularis* Csy. 97-334 B.C.  
   b. *cupripennis* Csy. 97-334 Wash.  
   c. *fallax* Roeschke 07-174 Or.-Id.  
   d. *confusus* Csy. 97-336 Cal.  
   e. *fulleri* Horn 78-179 Or.  
     *?gracilis* Géhin 85-76 ?  
 146. *interruptus* (Men.) 44-54 Cal.  
   a. *compositus* Csy. 97-332 Cal.  
   b. *constrictus* (Lec.) 53-398 Cal.  
     *corpulentus* Csy. 97-331 Cal.  
   c. *integer* Csy. 14-29 Cal.  
   d. *dissolutus* (Schaum) 63-72 Cal.  
   e. *porcatus* Csy. 97-328 Cal.  
   f. *politus* Csy. 97-330 Cal.  
 147. *obliquus* Lec. 68-61 So.Cal. Cal.  
   a. *convergens* Csy. 97-326 Cal.  
   b. *opacicollis* Csy. 97-327 Cal.  
   c. *sculptipennis* Csy. 97-327 Cal.  
 148. *oreophilus* Riv. 90-111 Cal.  
   a. *hoppingi* Roeschke 07-183 Cal.  
   b. *riversi* Roeschke 07. 183 Cal.  
   c. *humeralis* Csy. 14-30 Cal.  
 149. *ventricosus* (Dej.) 31-527 Cal.  
   *sinuatus* Csy. 97-330 Cal.  
   *striatopunctatus* (Lec.) 53-398 Cal.  
     a. *lativentris* (Mots.) 50-358 Cal.  
       *strictus* Csy. 97-322 Cal.  
     b. *fuchsianus* Riv. 90-71 Cal.  
 150. *crenatus* (Mots.) 59-161 Cal.  
   *symmetricus* Csy. 97-319 Cal.  
     a. *striatus* (Lec.) 59-69 So.Cal.  
     b. *gentilis* Csy. 97-322 Cal.  
     c. *productus* Csy. 14-29 Cal.  
 151. *striatopunctatus* (Chd.) 44-476 Cal.  
   *decipiens* Csy. 97-316 Cal.  
   a. *alternatus* (Mots.) 59-162 Cal.

**Brennus Mots.**

- b. *ovalis* (Mots.) 59-162 Cal.  
 152. *subtilis* (Schaum) 63-72 So.Cal. Cal.  
 153. *punctatus* (Lec.) 59-69 So.Cal. Cal.  
   *gravidus* Csy. 97-317 Cal.  
   a. *catenulatus* Csy. 97-324 Cal.  
   b. *mimus* Horn 78-179 So.Cal. Cal.  
 154. *rugiceps* Horn 72-143 Or.  
   a. *incipiens* Csy. 97-313 N.Cal.  
   b. *congener* Csy. 14-28 Or.  
 155. *cristatus* (Harr.) 39-200 Or. No.Cal.  
   a. *reticulatus* (Mots.) 50-90 Alas. Cal.  
   b. *basalis* Csy. 97-311 Alas. Cal.  
   c. *duplicatus* Csy. 97-312 Alas. Cal.

**Neocychrus Roeschke 07-197**

156. *angulatus* (Harris) 39-200 Vanc.-Or.  
 157. *behrensi* Roeschke 07-199 Cal.

**Cychrus Fab. 94-440**

158. *hemphilli* Horn 78-184 Ut. Wy.  
   a. *rickseckeri* Lec. 84-2 Mont. Id.  
 159. *tuberculatus* Harr. 39-200 Vanc. Or.  
   *pustulosus* Csy. 05-160

**Sphaeroderus Dej. 26-14**

160. *canadensis* Chd. 61-498 Can.-Ga.  
   *palpalis* Mots. 65-312  
     a. *blanchardi* Leng 16-41 N.H.  
 161. *stenostomus* (Web.) 01-43 Pa.-Va.  
   a. *indianæ* Blatch. 10-42 W.Va.-Ind.  
 162. *lecontei* Dej. 26-14 Ind. Nfld. Can.  
   L.Sup.  
     a. *niagarensis* Lap. 32-390 N.Eng. -Wis.  
     b. *diffRACTUS* Csy. 14-25 N.B.  
 163. *bicarinatus* Lec. 53-399 N.C.-Ga.  
 164. *nitidicollis* Chev. 29-24 Nfld.  
   a. *brevoorti* Lec. 48-443 Can.-N.Eng.  
     *granulosus* Chd. 61-497 H.B. T. [N.Y.  
   b. *schaumi* Chd. 61-499 Ohio

## CARABINI

Crotch 74; Leconte 78; Casey 97, 13

**Carabus L. 67-668**

165. *vietinghovi* Adams 12-170 Alas. H.B.T.  
   *fulgidus* Gebl. 25-229 (not Amer.)  
 166. *mæander* Fisch. 15-103 Sib. [Sib.  
   *lecontei* Gehin 85-26  
     a. *lapelayi* Castln. 35-89 N.S. Nfld.  
     b. *hudsonicus* Mots. 65-293 H.B.T. [Mich.  
     c. *simoni* Heyden 79-165 H.B.T.  
     d. *excostatus* Krz. 80-187 H.B.T.  
     e. *excatenatus* Krz. 80-187 H.B.T.  
 167. *truncaticollis* Esch. 29-22 Sib. Alas.  
 168. *chamissonis* Fisch. 20-88 Alas. [(Cal.)?  
   *brachyderus* Wiedem. 21-110  
   a. *groenlandicus* Dej. 31-554 Greenland  
     Lab. N.H.  
     H.B.T.  
 169. *taedatus* Fab. 01-104 Alas.  
   *baccivorus* Fisch. 20-87 Alas.  
   *seriatus* Wiedem. 21-109 Alas.  
     a. *gladiator* Mots. 65-285 H.B.T.  
     b. *bicolor* Walker 66-313 Vanc.  
     c. *oregonensis* Lec. 54-16 Or.  
     d. *franciscanus* Csy. 13-58 Cal.  
     e. *montanicus* Csy. 13-58 Id.  
     f. *agassii* Lec. 50-209 L.Sup.

**Carabus L.**

- g. *canadicus* Roeschke 00-70 Can.  
   h. *patulicollis* Csy. 13-57 ?Colo.  
 170. *sylvosus* Say 25-75 Ind. Can. Fla.  
   N.Y.-Tex.  
   L.Sup.  
   Tex.  
     a. *finitimus* Hald. 43-373  
     *lherminieri* Dej. 26-152  
     b. *caseyi* Angell 14-75  
     *lecontei* || Csy. 13-57 Tex.  
 171. *serratus* Say 25-77 Nfld. E.&M.  
   St. L.Sup.  
   *lineatopunctatus* Dej. 26-77 Ind.  
   *canadensis* Lec. 53-10  
   *ligatus* ‡ Kby. 37-18  
     a. *vegasensis* Csy. 13-59 N.Mex.  
     b. *tatumi* Mots. 65-293 H.B.T.  
 172. *limbatus* Say 25-77 E.M.&C.St.  
   *goryi* Dej. 31-544 Ind.  
     a. *californicus* Mots. 45-91 Cal.  
 173. *vinetus* Web. 01-42 Ind. U.S.  
   *interruptus* Say 25-62  
   *ligatus* Germ. 24-6  
     a. *carinatus* Dej. 26-80 Ga.  
 174. *cancellatus* Illig. 98-154 Wis.

**Carabus** L.

175. *nemoralis* Müll. 76-75  
 — *granulatus* L. 61-781  
 — *hummeli* Fisch. 23-69

Eur. †N.B.-  
 N.J. N.Y.  
 †Sib. N.B.?  
 Sib. Alas.?

**Calosoma** Web. 01-20

176. *externum* Say 23-150  
     *longipenne* Dej. 31-568  
 177. *macrum* Lec. 53-400  
 178. *protractum* Lec. 62-52  
     — *splendidum* Dej. 31-558  
 179. *aurocinctum* Chd. 50-420  
 180. *scrutator* Fab. 75-239

E.M.S.C.St.  
     [Ind.  
 Tex.  
 Ariz.  
 ? So. Fla.  
 Mex. Tex.  
 Fla. U.S. Cal.  
 (Ariz?) Can.  
 L.Sup. Ind.  
 Atl.&C. St.

181. *willcoxi* Lec. 48-446  
 182. *sycophanta* L. 61-790  
 183. *frigidum* Kby. 37-19  
     *levettei* Csy. 97-344  
 184. *sayi* Dej. 26-198  
     *virginica* Csy. 97-344  
     *armatum* Lap. 35-156

†Atl. St. [Ind.  
 N.Y.-Can.L.  
 Ind. [Sup.  
 La. N.Y.-Fla.  
 Va. [L.Cal?)

\*

185. *angulatum* Chev. 34-44  
     a. *forreri* Géhin 85-64  
 186. *prominens* Lec. 53-400  
     *angulatum* † Lec. 49-199  
 187. *parvicollis* Fall 10-90  
 188. *clemens* Csy. 14-32  
 189. *hospes* Csy. 13-63  
 190. *parviceps* Csy. 97-341  
 191. *sponsa* Csy. 97-340  
 192. *eremicola* Fall 10-91  
 193. *rugosipennis* Schfr. 11-113  
 194. *peregrinator* Guér. 44-255  
     a. *ingens* Csy. 13-62  
     b. *subgracilis* Csy. 13-63  
     c. *apachcana* Csy. 13-63  
     d. *amplipennis* Csy. 13-62  
 195. *lugubre* Lec. 53-400  
     a. *marginalis* Csy. 97-340  
 196. *carbonatum* Lec. 62-53  
 197. *palmeri* Horn 76-199  
 198. *triste* Lec. 44-201

(?So.Cal.)  
 Ariz. [Mex.  
 Ariz. So.Cal.  
 So.Cal.  
 Nev.  
 So.Cal.  
 Ariz. So.Cal.  
 Ut.  
 So.Cal.  
 Cal.  
 Tex.-Cal. So.  
 So.Cal. [Cal.  
 ?  
 Ariz.  
 ?N.Mex.  
 Tex. (Ariz.?)  
 ? Ariz.  
 Tex.-Cal. Ariz.  
 Guad. Is.  
 W.C.St. Ariz.  
 So.Cal.  
 So.Cal.  
 C. St.

199. *tristoides* Fall 10-92  
 200. *obsoletum* Say 23-149  
     *luxatum* † Dej. 26-96  
     *indistinctum* Say 25-151  
     a. *microsticta* Csy. 13-60

N.Mex.

**Calosoma** Web.

201. *semilæve* Lec. 49-199  
     a. *davidsoni* Csy. 14-33  
 202. *simplex* Lec. 78-61  
 203. *haydeni* Horn 70-69

\*\*

204. *calidum* Fab. 75-237  
     a. *lepidum* Lec. 44-201  
     *stellata* Csy. 97-344  
     *expansa* Csy. 97-344  
     *laticollis* Csy. 97-344  
 205. *morrisoni* Horn 85-128  
 206. *tepidum* Lec. 49-199  
     *irregulare* Walker 66-342  
     *cælator* Csy. 13-61  
     *indigens* Csy. 13-61

Cal. So.Cal.  
 Cal.  
 So.Cal. Ariz.  
 Colo.

U.S. L.Sup.  
 Mo. [Ind.  
 L.Sup.  
 Ia.  
 N.Mex.  
 Colo.  
 Pac. St.  
 Vanc.  
 Id.  
 Or.

\*\*\*

207. *cancellatum* Esch. 29-23  
     *ænescens* Lec. 54-16  
     a. *esuriens* Csy. 13-64  
     b. *transversa* Csy. 13-64  
 208. *subæneum* Chd. 69-6

Pac. St.  
 Or.  
 So.Cal.  
 So.Cal.  
 Cal.

**Callisthenes** Fisch. 22-85

209. *moniliatus* (Lec.) 49-200  
     a. *laqueatus* (Lec.) 60-318  
     b. *concinus* Csy. 13-66  
 210. *wilkesi* Lec. 49-200  
 211. *discors* (Lec.) 57-31  
     a. *inversus* Csy. 13-67  
 212. *irregularis* (Schfr.) 15-235  
 213. *dietzi* (Schfr.) 04-197  
     a. *tularensis* Csy. 13-68  
     b. *gravidulus* Csy. 13-69  
 214. *zimmermanni* (Lec.) 49-445  
     a. *opacus* Géhin 85-70  
 215. *striatulus* (Lec.) 59-4  
 216. *exaratus* Csy. 13-71  
     a. *tegulatus* Csy. 13-72  
     b. *viator* Csy. 13-72  
 217. *pimelioides* (Walker) 66-312  
 218. *pustulosus* Csy. 13-73  
 219. *luxatus* (Say) 23-149  
     a. *monticola* Csy. 13-73  
     b. *nevadensis* Csy. 13-74  
     c. *diffractus* Csy. 13-74  
 220. *subasperatus* (Schfr.) 15-235  
 221. *latipennis* (Horn) 70-70  
     a. *arcuatus* (Csy.) 97-343  
     b. *opimus* Csy. 13-69

Or. Mont.  
 Sask.  
 Id.  
 Or.  
 Cal.  
 Cal.  
 Cal.  
 Cal.  
 Cal.  
 Cal.  
 Or.  
 Or.  
 Ut. Wy.  
 Cal.  
 Cal.  
 Cal.  
 Vanc.  
 N.Cal.  
 Ark.  
 Nev.  
 Nev.  
 N.Mex.  
 Cal.  
 Cal. So.Cal.  
 Ariz.  
 Cal.

## ELAPHRINI

Schaupp 78; Crotch 74; Horn 78

**Elaphrus** Fab. 01-245

222. *clairvillei* Kby. 37-63  
     *politus* Lec. 50-209  
 223. *lævigatus* Lec. 49-200  
 224. *caseyi* Leng 18-203  
     *politus* || Csy. 97-345  
 225. *olivaceus* Lec. 63-1  
 226. *cicatricosus* Lec. 49-448  
 227. *obliteratus* Mann. 53-117  
     *obscurior* Kby. 37-63  
 228. *fuliginosus* Say 34-414  
     *clairvillei* † Lec. 50-210

Alas. Wash.Or.  
 Wyom. L.Sup.  
 L.Sup. [Me.  
 Cal.  
 Cal.  
 N.Y. L.Sup.  
 Can. Ind. Me.  
 Alas. [N.J.  
 Lab. Can.  
 Wis. Neb. L.I.  
 [L.Sup. Ind.

**Elaphrus** Fab.

229. *lecontei* Cr. 74-246  
     *intermedius* † Lec. 48-448  
 230. *riparius* L. 61-749  
     *intermedius* Kby. 37-62  
     ? *lapponicus* Gyll. 10-8  
     *californicus* Mann. 43-190  
     *gratiosus* Mann. 53-118  
     *similis* Lec. 48-349  
     *punctatissimus* Lec. 50-210  
     *sinuatus* Lec. 50-210  
 231. *viridis* Horn 78-52  
 232. *pallipes* Horn 78-51

Ut. Wyom.  
 Cal. Alas. Eur  
 Can. [L.Sup.  
 Eur. Arc. Am.  
 Cal.  
 Alas.  
 L.Sup.  
 L.Sup.  
 Cal.  
 Or. B.C.

† Introduced.



280. tenuipes Csy. 13-51  
281. oregona Csy. 13-52



**Nebria** Latr.

282. *arkansana* Csy. 13-52 Ind. Ark.  
 \*\*\*  
 283. *obliqua* Lec. 66-363 Colo.  
       *longula* Lec. 78-478 " "  
 284. *obtusa* Lec. 78-478 Ut. Wy.  
 285. *suturalis* Lec. 50-209 Nfld. L.Sup.  
 286. *hudsonica* Lec. 63-3 H.B.T. [N.H.  
 287. *incerta* Csy. 13-53 Colo.  
 288. *testaceipes* Csy. 13-54 B.C.  
 289. *texana* Csy. 13-54 Tex.  
 \*\*\*\*  
 290. *virscens* Horn 70-100 Wash. Vanc.  
 291. *brevis* Csy. 13-55 Or.  
 \*\*\*\*\*

**Nebria** Latr.

292. *pallipes* Say 25-78 L.Sup. N.E.  
       Am. Ind.  
       Eur. & Alas.  
       Greenland, Sib.  
       No. Eur.  
       Alps. Greenland  
       Minn. Wis.  
       Tex. Ind.  
 293. *carbonaria* Esch. 29-24  
 294. *nivalis* Payk. 00-119  
       ? *gyllenhali* Schon. 06-196  
       a. *balbii* Bon. 09-65  
 295. *lacustris* Csy. 13-56  
 296. *expansa* Csy. 13-56  
       \*\*\*\*\*  
 297. *diversa* Lec. 63-2 Or.  
       *livida* || Lec. 59-8  
 298. *frigida* Sahlb. 44-11 Siberia, Alas.  
       — *elias* Mots. 65-276 Alas.  
       — *mollis* Mots. 65-274 Alas.

## METRIINI

**Metrius** Esch. 29-8

299. *contractus* Esch. 29-8 Or. Wash. Cal. **Metrius** Esch.  
 So. Cal. 300. *sericeus* Riv. 00-389 Cal.

## PROMECOGNATHINI

Schaupp 79; Casey 13

**Promecognathus** Chd. 46-524

301. *lævissimus* Dej. 29-11 So. Cal.  
       a. *crassus* Lec. 68-62 Cal. Or.  
       b. *debilis* Csy. 97-346 Cal.

**Promecognathus** Chd.

- c. *contractus* Csy. 13-93 Cal.  
 d. *corpulentus* Csy. 13-94 Cal.  
 e. *grandiceps* Csy. 13-94 Cal.

## SCARITINI

Leconte 48, 74; Casey 13; Leng 15; Schaeffer 13; Putzeys 46-67; Fall 01

**Pasimachus** Bon. 13-476

302. *sublævis* Beauv. 05-107 N.Y.-Fla. Ill.  
       *rugosus* Lec. 48-149 N.J. [Ind.  
       a. *substriatus* Hald. 43-313 L.I.  
       b. *assimilis* Lec. 48-148 Ga.  
       c. *brevitarsis* Csy. 13-76 Miss.  
       d. *oblongus* Csy. 13-77 N.C.  
 303. *strenuus* Lec. 74-266 Fla.  
       a. *robustus* Csy. 13-78 Fla.  
 304. *floridanus* Csy. 13-79 Fla.  
 305. *subsulcatus* Say 25-19 Ga. Fla. Ala.  
       a. *subnitens* Csy. 13-79 Fla.  
 306. *opacipennis* Csy. 13-80 Fla.  
 307. *marginatus* Fab. 75-94 S.C. Fla. La.  
       a. *crassus* Csy. 13-81 N.C. [Tex.  
 308. *depressus* Fab. 75-94 N.Y.-Fla.  
       *complanatus* Gmel. 88-1993  
       *lævis* Lec. 48-146 N.J.  
       *limbatus* Zimm. 74-271 N.C.  
       *carolinensis* Csy. 13-82 N.C.  
       *champlaini* Csy. 13-82 Pa.  
       a. *morio* Lec. 48-145 S.C.  
 309. *punctulatus* Hald. 43-299 Ala.-Ill.-Ind.  
       *sinuatus* Csy. 13-83 Mo.  
 310. *clongatus* Lec. 48-147 Mo. Ind.  
 311. *pimalis* Csy. 13-84 Ariz.  
       *angustulus* Csy. 13-84 Neb.  
       *evanescens* Csy. 13-84 Colo.?  
       *vegasensis* Csy. 13-85 N.Mex.  
       *vernatus* Csy. 13-85 Kan.  
 312. *duplicatus* Lec. 53-395 Tex. Okla.  
       a. *costifer* Lec. 54-79 Tex. Ariz.  
 313. *californicus* Chd. 50-437 Tex. Ut. Colo.  
       *transversus* Csy. 13-86 Tex.  
       *validus* Lec. 58-14 Ariz.  
       *cephalotes* Csy. 13-87 Tex.

**Pasimachus** Bon.

- acomanus* Csy. 13-87 N.Mex.  
*corpulentus* Lec. 58-15 Tex.  
*obesus* Csy. 13-88 Ariz.  
 314. *obsoletus* Lec. 48-148 Kan. Colo.  
       *acuminatus* Csy. 13-88 Colo.?  
       *vestigialis* Csy. 13-89 N.Mex. Tex.  
       *atronitens* Csy. 13-89 Ariz.  
 315. *viridans* Lec. 58-61 Ariz.  
       *ambiens* Csy. 13-90 Ariz.  
       † *mexicanus* Gray 32-274 Mex.

**Scarites** Fab. 01-123

316. *subterraneus* Fab. 87-206 So. Cal. U.S.  
       *beckwithi* Steph. 28-37 [Fla. La. Ind.  
       *fossor* De G. 52-350  
       ? *interruptus* Herbst 82-133  
       *denticollis* Chd. 43-729 Cal.  
       *patruelis* Lec. 45-207 Cal.  
       *vicinus* Chd. 43-728 La.  
       *affinis* Lec. 45-207 La.  
       a. *californicus* Lec. 49-198 Tex. Ariz.  
       *texanus* Chd. 79-94 So. Cal. (Fla.?)  
 317. *substriatus* Hald. 44-54 Tex. Fla. La.  
       ? *quadriiceps* Chd. 43-729 [Ind.  
       a. *lissopterus* Chd. 79-93  
 318. *alternans* Chd. 43-729 (Fla.?) W.I.

**Dyschirius** Bon. 13-483

- (*Akephorus* Lec. 51-194)  
 319. *tridentatus* Lec. 49-195 So. Cal. Ariz.  
       *convexus* Lec. 49-195  
       *quadridens* Mots. 59-133 Alas.  
 320. *patruelis* Lec. 49-196 So. Cal. Or.  
       *californicus* Mén. i. litt.

**Dyschirius** Bon.

321. *basalis* Lec. 57-77 So. Cal.  
 322. *varidens* Fall 10-93 Cal.  
 323. *æneus* Dej. 25-423 Eur. & Bor.  
     *frigidus* Mann 53-123 Am. So. Cal.  
     *integer* Lec. 49-196 Sib.  
 324. *nigripes* Lec. 58-396 Alas.  
     *apicalis* || Lec. 50-204 So. Cal.  
 325. *consobrinus* Lec. 49-196 L. Sup. Ind.  
 326. *gibbipennis* Lec. 57-77 " Cal.  
 327. *lævifasciatus* Horn 78-52 So. Cal.  
 328. *dejeani* Putz. 46-545 Or.  
     *punctatus* || Dej. 31-498  
 329. *æneolus* Lec. 50-204 Can. Colo.  
 330. *longulus* Lec. 50-204 B. C. Mich.  
     *a. parvus* Lec. 50-204 Man. Mich.  
 332. *unipunctatus* Fall 01-207 Can. Ind.  
 333. *terminatus* Lec. 48-212 La. Ind. Can.-  
     *a. parvus* Lec. 50-204 Fla. Mich.  
 334. *hæmorrhoidalis* Dej. 31-511 L. Sup.  
     *a. parvus* Lec. 50-204 So. Cal.  
 335. *duplicatus* Fall 01-209 N. Y. Kan.  
 336. *affinis* Fall 01-209 Ariz. Cal. Ind.  
 337. *analisis* Lec. 49-196 D. C. Pa. Kan.  
 338. *brevispinus* Lec. 78-593 Ind. O. Fla.  
 339. *sphæricollis* Say 25-23 Tex.  
 340. *edentulus* Putz. 46-569 N. Y. Mass.  
 341. *truncatus* Lec. 57-78 So. Cal. Ariz.  
 342. *erythrocerus* Lec. 57-78 Mich. O.  
 343. *marinus* (Lec.) 49-105 La. N. Y. Mich.  
 344. *obesus* Lec. 66-363 Ill. Fla. Ind.  
 345. *sellatus* Lec. 57-78 Tex.  
 346. *pallipennis* Say 25-24 Colo.-L. Cal.  
 347. *salivagans* Lec. 75-179 Ill. Ariz. So.  
 348. *curvispinus* Putz. 46-561 Cal.  
     *a. montanus* Lec. 79-507 Ind. O. Man.  
 349. *filiformis* Lec. 57-78 N. Y. Fla.  
 350. *sublævis* Putz. 46-562 Cal. So. Cal.  
 351. *aratus* Lec. 49-196 (Ariz.?) N. Y.-  
 352. *pumilus* Dej. 25-425 Fla. Man.  
     *falciger* Lec. 78-373 Fla.  
     *dentiger* Lec. 57-79 La.  
     *rufiventris* Lec. 57-79 Tex.  
 353. *abbreviatus* Putz. 46-532 La.  
 354. *pilosus* Lec. 57-80 Man. Tex.  
 355. *hispidus* Lec. 63-4 N. Y. [Ind.  
 356. *setosus* Lec. 57-79 Alas.  
 357. *transmarinus* Mann. 53-122

**Clivina** Latr. 10-156

358. *dentipes* Dej. 25-415 Fla. La. Ga.  
     *corvina* Putz. 46-610 Tex. Ariz.  
     *confusa* Lec. 49-198 Ind. La. So.  
     *fissipes* Putz. 46-607 [Cal.  
     *georgiana* Lec. 57-81 Tex.

**Clivina** Latr.

359. *impressifrons* Lec. 44-50 N. Y. Ky. Kan.  
 360. *texana* Lec. 63-4 Tex. [Ind.  
 361. *planicollis* Lec. 57-81 S. C. La.  
 362. *punctulata* Lec. 49-198 Cal. So. Cal.  
 363. *punctigera* Lec. 57-81 S. C. Ind.  
 364. *rubicunda* Lec. 57-81 La. Ga. Ill. Fla.  
 365. *pallida* Say 25-22 La. [Ind.  
     *rufescens* Dej. 31-504  
 366. *rufa* Lec. 57-81 N. J. La. Kan.  
     *fossor* (L.) 61-817 Ill. Fla. Ind.  
     *collaris* (Hbst.) 86-141 Eur. † Mass.  
     *elongata* || Rand. 38-34  
     *randalli* Lec. 57-81  
 368. *analisis* Putz. 46-599 Tex.  
 369. *americana* Dej. 31-503 Ind. N. Y. Fla.  
     *acuducta* Hald. 43-299 [Mich.  
 370. *morula* Lec. 57-81 La. Fla.  
 371. *cordata* Putz. 46-604 La. Fla. Can.?  
     *ludoviciana* Putz. 67-138 La.  
 372. *striatopunctata* Dej. 31-505 La. Ga. Fla.  
     *picea* Putz. 46-621 La.  
 373. *ferrea* Lec. 57-81 Ill. Kan. Tex.  
 374. *convexa* Lec. 57-50 La. [Mo. Ariz.  
     *?bisignata* Putz. 46-620  
 375. *bipustulata* (Fab.) 01-125 N. Y.-Fla.  
     *quadrinaculata* (Beauv.) 05-107 (Ariz.?) Ind.  
 376. *marginipennis* Putz. 46-619 La.  
 377. *postica* Lec. 48-213 La. Kan.  
 378. *stigmula* Putz. 46-622 Tex.  
 379. *sulcipennis* Putz. 46-126

**Aspidoglossa** Putz. 46-626

380. *subangulata* (Chd.) 43-738 D. C. La. Fla.  
     *fraterna* Putz. 46-632 [Tex. Ind.  
     *humeralis* (Chd.) 43-737  
     *vicina* Putz. 46-632

**Schizogenius** Putz. 46-649

381. *crenulatus* Lec. 49-197 So. Cal. Ariz.  
 382. *planulatus* Lec. 63-5 N. Y.  
 383. *lineolatus* (Say) 25-22 Tex. Ariz. Ind.  
     *sulcifrons* Putz. 46-652  
 384. *sallei* Putz. 67-228 Tex. Fla.  
 385. *ferrugineus* Putz. 46-653 N. J. Tex. Fla.  
     *sulcatus* Lec. 48-214 [Ind.  
 386. *amphibius* (Hald.) 43-299 N. Y. (Ariz.?)  
     *frontalis* Lec. 48-215 [Ind.  
 387. *depressus* Lec. 49-197 So. Cal. Ariz.  
 388. *litigiosus* Fall 01-210 Cal.  
 389. *pluripunctatus* Lec. 48-197 So. Cal. Ariz.  
     *a. simplex* Lec. 48-197 Cal.  
 390. *seticollis* Fall 01-209 So. Cal.  
 391. *validus* Fall 01-210 Cal.

**Ardistomis** Putz. 46-636

392. *obliquata* Putz. 46-638 S. St. Fla.  
 393. *schaumi* Lec. 57-80 La. Fla.  
 394. *morio* (Dej.) 31-506 Ga. Fla.  
 395. *viridis* (Say) 25-21 N. Y.-Tex. Fla.  
     *rostrata* (Dej.) 25-419 Ind.  
     *vicina* Putz. 46-647  
 396. *puncticollis* (Dej.) 31-508 Fla. Ala. (Ind?)  
     *oblongula* Mots. i. litt. Ind.  
     *tantilla* Mots. i. litt.

## HARPALINÆ

## HARPALINÆ BISETOSÆ

## PANAGÆINI

Leconte 79

**Panagæus** Latr. 04-291

397. *sallei* Chd. 61-353  
 398. *crucigerus* Say 25-69  
 399. *fasciatus* Say 25-70

Ariz.-Tex.  
 N.Y.-La. Fla.  
 Ind.  
 N.Y. Ga. Kan.  
 Fla. Ind.

**Micrixys** Lec. 54-220

- (*Eugnathus* || Lec. 53-375)  
 400. *distinctus* Hald. 52-373 Tex. N.Mex.

## OZÆNINI

**Pachyteles** Perty 30-3

401. *testaceus* Horn 68-129  
 402. *parca* Lec. 84-2

Ariz.  
 Ariz.

**Physeæ** Brullé 34-473

403. *hirta* Lec. 53-393 Mex. Tex.?

## NOMIINI

**Nomius** Lap. 35-144(*Haplochile* Lec. 48-208)

404. *pygmæus* (Dej.) 31-312

Ga.-Cal. L.  
 [Sup.

**Nomius** Lap.

- græcus* Lap. 35-145 So.Eur.

## PSYDRINI

**Psydrus** Lec. 46-153

405. *piceus* Lec. 46-154

No.Cal.-L.Sup.

## MORIONINI

**Morion** Latr. 10-?(*Morio* ‡ auct.)

406. *monilicornis* Latr. 06-206

N.C. S.C. Fla.  
 La. L.Cal.W.I.

**Morion** Latr.

- ?*georgiæ* (Beauv.) 05-107

## BEMBIDIINI

Leconte 48; Chaudoir 68; Hayward 97, 00, 01; Blaisdell 02; Fall 10, 16; Casey 18

**Asaphidion** Gozis 86-6(*Tachypus* || Lacord. 54-381)

407. *elongatus* (Mots.) 46-16 Alas.?

**Bembidion** Latr. 04-22(*Bembidium* ‡ auct.)I. (*Odontium* Lec. 48-451)(*Bracteon* Bedel 81-26)

408. *inæquale* Say 23-151 N.H.Wis. Fla.?  
*arenarium* Dej. 31-80 [Ind.  
 409. *hesperum* Fall 10-95 Vanc. Cal.  
*hesperium* Csy. 18-9  
 410. *binarium* Csy. 13-9 Cal.  
 411. *littorale* (Oliv.) 90-6 Eur. Sib. Can.  
*paludosum* Sturm 25-179 Cal.Ut.L.Sup.  
 412. *lacustre* Lec. 48-451 L.Sup. Wis.  
 413. *opaciceps* Csy. 18-8 Cal.  
 414. *levettei* Csy. 18-9 Colo.  
 415. *zephyrum* Fall 10-96 No.Cal. Or.  
 416. *carinula* Chd. 68-239 Nfld.-Vanc.  
*impressum* ‡ Kby. 37-59 H.B.T. [Ind.  
 417. *lorquini* Chd. 68-239 Colo.Cal.B.C.  
 418. *pugetanum* Fall 16-13 Wash.  
 419. *punctatostriatum* Say 23-83 Vt. Ark. Wash.  
*sigillare* Say 34-437 [Ind.  
*stigmaticum* Dej. 31-83  
 420. *carinatum* Lec. 52-186 Ariz. So.Cal.  
 421. *sculpturatum* Mots. 59-132 Alas. Ariz.  
 422. *ænulum* Hayw. 01-156 Iowa.  
 423. *robusticollis* Hayw. 97-50 Ia. Mich.-Kan.  
 424. *bowditchi* Lec. 78-451 Wy.

**Bembidion** Latr.

425. *unicum* Csy. 18-12 Tex.  
 426. *confusum* Hayw. 97-52 E.&C.St. Ind.  
*nitidulum* || Dej. 31-84  
*coxendix* ‡ Say 34-436  
 a. *æneorubrum* Csy. 18-11 Ohio  
 b. *marquettense* Csy. 18-11 Mich.  
 427. *venator* Csy. 18-12 Tex.  
 428. *snowi* Csy. 18-12 Kan.  
 429. *coxendix* Say 23-151 Man.-Tex.Ind.  
 430. *vigilans* Csy. 18-13 Ind.?

II. (*Ochthedromus* Lec. 48-451)

431. *bifossulatum* (Lec.) 52-186 Neb.Ut.-B.C.  
 432. *americanum* Dej. 31-84 N.Eng.-Mo.  
 433. *illini* Csy. 18-15 Iowa. [Ind.  
 434. *sufflatum* Csy. 18-15 Cal.  
 435. *cheyennense* Csy. 18-15 Wy.  
 436. *regestum* Csy. 18-16 Colo.?  
 437. *nuperum* Csy. 18-16 Colo.?

III. (*Eudromus* Kby. 37-551)(*Pogonidium* Gangl.)

438. *nitidum* (Kby.) 37-55 L.Sup. Alas.  
 439. *obliquulum* Lec. 59-81 [Cal. Ind.  
*obliquulum* Csy. 18-17 Pac. Coast  
*aptum* Lec. 59-281

IV. (*Hydrium* Lec. 48-451)

440. *lævigatum* Say 23-84 N.H. Fla.  
 [Mont. Ind.

V. (*Lionepha* Csy. 18-18)

441. *crasum* Lec. 59-83 Vanc.-Nev.



**Bembidion Latr.**

442. osculans Csy. 18-20 Cal.  
 443. speculum Csy. 18-20 Cal.  
 444. castum Csy. 18-20 Cal.  
 445. serenum Csy. 18-21 Cal.  
 446. lascivum Csy. 18-21 Cal.  
 447. lubricum Csy. 18-21 Cal.  
 448. brumale Csy. 18-22 B.C.  
 449. probatum Csy. 18-22 Colo.  
 450. vacivum Csy. 18-22 B.C.  
 451. commotum Csy. 18-23 Cal.  
 452. seclusum Csy. 18-23 Cal.

(?Plataphus Mots. 64-184)

453. blanditum Csy. 18-23 B.C.  
 454. saturatum Csy. 18-24 Cal.  
 455. laxatum Csy. 18-24 Cal.  
 456. ampliatus Csy. 18-24 Colo.  
 457. lividulum Csy. 18-25 Cal.  
 458. improvisum Csy. 18-25 Colo.  
 459. adumbratum Csy. 18-26 Cal.

(Trechonepha Csy. 18-19)

460. funcereum Lec. 60-320 Nev. Alas. B.C.  
 461. trechiforme (Lec.) 52-190 Cal. Wash.  
 462. fabrum Csy. 18-27 Cal.  
 463. obliuio Csy. 18-27 Wash.  
 464. volatile Csy. 18-28 Cal.  
 465. impium Csy. 18-28 B.C.  
 466. parallelocolle (Mots.) 59-125 Cal. Nev.  
     a. amicum Csy. 18-29 Cal.  
 467. iridescens (Lec.) 52-190 Cal. Ut. Vanc.  
 468. deceptor Csy. 18-29 B.C.  
 469. testaceum Csy. 18-30 Cal.  
 470. nescium Csy. 18-30 B.C.  
 471. viator Csy. 18-31 B.C.  
 472. illex Csy. 18-31 B.C.  
 473. haruspex Csy. 18-31 B.C.  
 474. turbatum Csy. 18-32 Colo.  
 475. confictum Csy. 18-32 Colo.  
 476. rusticum Csy. 18-33 N.Y.  
 477. adultum Csy. 18-33 Cal.  
 478. dilutum Csy. 18-33 Cal.  
 479. bucolicum Csy. 18-34 B.C.  
 480. gratiosum Csy. 18-34 Colo.  
 481. repens Csy. 18-35 Cal.

VI. (Melomalus Csy. 18-37)

482. planatum (Lec.) 48-456 L.Sup. B.C.  
     æqualis Walk. 66-316  
 483. solutum Csy. 18-38 Cal.  
 484. adjutor Csy. 18-39 Cal.  
 485. vandykei Blaisd. 02-75 Cal.  
 486. simplex Hayw. 97-63 Lab. L.Sup.  
     H.B.T.

(Micromelomalus Csy. 18-37)

487. planiusculum Mann. 43-215 Alas. Colo.  
     B.C. Nfld.  
 488. curtulatum Csy. 18-39 Cal.  
 489. vespertinum Csy. 18-40 Cal.  
 490. effetus Csy. 18-40 Cal.  
 491. oppressum Csy. 18-40 Cal.  
 492. flebile Csy. 18-41 Cal.  
 493. tumefactum Csy. 18-41 Cal.  
 494. decrepitem Csy. 18-41 Cal.  
 (Trachelonepha Csy. 18-37)  
 495. electum Csy. 18-42 Cal.  
 496. extensum Csy. 18-42 Cal.  
 497. falsum Blaisd. 02-76 Cal.

**Bembidion Latr.**

?

498. complanulum (Mann.) 53-152 Alas. Colo.  
     Nfld. Ariz.  
 499. nigrocœruleum Hayw. 97-66 Wash.  
 500. mæklini Hayw. 97-66 Alas. B.C.  
 501. quadrioveolatum Mann. 43-218 Alas. Wash.  
 502. incertum (Mots.) 45-350 Alas. Mich.  
     tetraglyptum (Mann.) 53-151  
 503. breve (Mots.) 45-25 Sib. Alas. Nev.  
 504. whitneyi Fall 10-96 Cal.  
 505. nebraskense Lec. 63-19 Neb. Cal.

VII. (Liocosmus Csy. 18-43)

506. delectum Csy. 18-44 Cal.  
 507. hilare Csy. 18-44 Cal.  
 508. horni Hayw. 97-116 Cal. Ariz.  
 509. bifasciatum (Mots.) 50-12 Wash. Cal.  
     mundum (Lec.) 52-190 [Nev.  
 510. festivum Csy. 18-45 Cal.

VIII. (Leuchydrium Csy. 18-46)

511. tigrinum Lec. 79-509 So. Cal.

IX. (Peryphus Steph. 29-2)

512. nigrum Say 23-85 E. & C. St.  
     Mich. Ind.  
     a. facile Csy. 18-48 Ill.  
 513. morosum Csy. 18-49 Va.  
 514. quadrulum Lec. 61-340 Colo. Cal. Ind.  
 515. tartareum Csy. 18-49 Id.  
 516. callidum Csy. 18-50 Cal.  
 517. tritum Csy. 18-50 Colo.  
 518. ægrotum Csy. 18-51 Colo.  
 519. obscuripenne Blaisd. 02-74 Or.  
 520. inopinum Csy. 18-51 Me.  
 521. concolor (Kby.) 37-54 Nfld. L.Sup.  
     salebratum (Lec.) 48-453 Cal.  
     purpurascens (Lec.) 48-454  
 522. consessor Csy. 18-52 N.Y.  
 523. recticolle Lec. 63-19 Colo. N. Mex.  
 524. oblatum Csy. 18-52 Nev. [So. Cal.  
 525. tetragonoderum Chd. 68-240 Cal.  
 526. avidum Csy. 18-53 Nev.  
 527. pertinax Csy. 18-53 Nev.  
 528. umbraticola Csy. 18-54 Utah  
 529. longulum (Lec.) 48-456 Lab. L.Sup.  
     subæneum (Lec.) 48-457 So. Cal.  
 530. humboldtiens Blaisd. 02-74 No. Cal.  
     humboldtense Csy. 18-55  
 531. porrectum Csy. 18-55 N. Mex.  
 532. vulsum Csy. 18-55 N.Y.  
 533. planum (Hald.) 43-303 Vt.-Va. Ind.  
     guexi Chd. 68-242 n.m.  
 534. filicorne Csy. 18-56 N.J.  
 535. champlaini Csy. 18-56 Pa.  
 536. fugax (Lec.) 48-467 Ill. Mich. Can.  
 537. planipenne (Lec.) 50-211 L.Sup.  
 538. haplogonum Chd. 68-241 Cal.  
 539. marinicum Csy. 18-57 Cal.  
 540. transversale Dej. 31-110 Nfld. Can.  
 541. perspicuum (Lec.) 48-466 Wy. [Mich.  
     compar Lec. 57-5  
 542. sarpedon Csy. 18-58 Colo.  
 543. aconum Csy. 18-59 N. Mex. Ut.  
 544. excursum Csy. 18-59 Ariz.  
 545. erosum Mots. 50-10 Cal. Ariz.  
     mannerheimi (Lec.) 52-190

**Bembidion Latr.**

546. *badiipenne* Csy. 18-60 N.Mex.  
 547. *lugubre* Lec. 57-6 Colo. N.Mex. Cal.  
     a. *stabile* Lec. 79-508 Colo. So. Cal.  
     b. *vafrum* Csy. 18-60 Ariz.  
 548. *canonicum* Csy. 18-61 Ariz.  
 549. *resectum* Csy. 18-61 Utah  
 550. *animatum* Csy. 18-62 N.Mex. Colo.  
 551. *pernotum* Csy. 18-62 " "  
 552. *brevistriatum* Hayw. 97-58 So. Cal.  
 553. *californicum* Hayw. 97-84 So. Cal.  
 554. *innocuum* Csy. 18-63 No. Cal.  
 555. *scrutatum* Csy. 18-64 Colo.  
 556. *denveranum* Csy. 18-64 Colo.  
 557. *tractabile* Csy. 18-64 Utah.  
 558. *actuosum* Csy. 18-65 Colo.  
 559. *viaticum* Csy. 18-65 N.Mex.  
 560. *nitens* (Lec.) 50-211 Alas. N.Y. Nfld.  
     ? *grapi* Gyll. 27-403 Eur. Green-Colo. [land.  
     a. *seductum* Csy. 18-66 N.Mex.  
 561. *inquietum* Csy. 18-67 N.Mex.  
 562. *subangustatum* Hayw. 97-83 N.Mex. Ariz.  
 563. *insopitans* Csy. 18-68 B.C.  
 564. *histicum* Csy. 18-68 Ind.?  
 565. *texanum* Chd. 68-240 Tex. Ia.  
 566. *cogitans* Csy. 18-69 Ind.?  
 567. *militare* Csy. 85-65 L.I.  
 568. *platynoides* Hayw. 97-78 So. Cal.  
 569. *optatum* Csy. 18-69 No. Cal.  
 570. *merens* Csy. 18-70 Cal.  
 571. *sedulum* Csy. 18-70 So. Cal.  
 572. *picipes* (Kby.) 37-54 Mc. Mich.  
     *plagiatum* Zimm. 69-247 [Tex. Ind.  
     *lacunarum* Zimm. 69-247  
 573. *scopulinum* (Kby.) 37-53 Lab. L. Sup.  
     *gelidum* (Lec.) 48-464 [Nfld. Colo.  
     a. *bellulum* Csy. 18-71 N.Mex.  
 574. *satelles* Csy. 18-71 Cal.  
 575. *himaculatum* (Kby.) 37-52 Alas. B.C. Can.  
     *sordidum* (Kby.) 37-52 [Ariz.?  
 576. *renoanum* Csy. 18-72 Nev.  
 577. *postremum* Say 34-437 Mass. Pa. Ill.  
 578. *vancouveri* Csy. 18-73 Vanc.  
 579. *striola* (Lec.) 52-190 So. Cal. Or.  
     Colo.?  
 580. *shastanicum* Csy. 18-74 No. Cal.  
 581. *consanguineum* Hayw. 97-76 Colo. Ut. Ariz.  
     So. Cal.?  
     ? *submaculatum* Bates 81-149 Mex.  
     *mexicanum* ‡ auct.  
 582. *canadense* Hayw. 97-77 Ont. Nfld.  
 583. *lepusculus* Csy. 18-75 Colo.  
 584. *lucidum* (Lec.) 48-466 Nfld. L. Sup.  
     Neb. Ariz. [So. Cal.  
     substrictum (Lec.) 48-465  
 585. *castalium* Csy. 18-75 N.Mex.  
 586. *nevadense* Ulke 75-811 Nev. Or.  
 587. *subinflatum* (Mots.) 59-126 Alas. Cal.  
 588. *tetracolum* Say 23-89 Can. Vt. N.Y.  
     ? *ustulatum* (L.) 58-416 Sib. [Colo.  
     *rupestre* Dej. 31-111 Nfld.  
     a. *rupicola* (Kby.) 37-53 H.B.T. Minn.  
     b. *nactum* Csy. 18-77 N.Y.  
 589. *rufotinctum* Chd. 68-241 Mass.  
     *blanchardi* Hayw. 97-56  
 590. *dilatatum* (Lec.) 48-455 Pa. Ind. Okla.  
     ? *platyderum* Chd. 68-242

**Bembidion Latr.**

591. *honestum* Say 23-82 Nfld. Wis. Ia.  
     *antiquum* Dej. 31-88 [Tex. Ind.  
     *basale* (Lec.) 48-454 L. Sup.  
 592. *chalceum* Dej. 31-89 Can.-Colo. Ind.  
 593. *integrum* Csy. 18-79 Tex.  
 594. *sejunctum* Csy. 18-79 N.Mex.  
 595. *caducum* Csy. 18-80 Wy.  
 596. *albidipenne* Csy. 18-80 Colo.  
 597. *parowanum* Csy. 18-80 Utah.  
 598. *petulans* Csy. 18-81 Colo.?  
 599. *fuscicrum* Mots. 55-79 Alas. Colo.?  
     *lucidum* ‡ (Mann.) 53-150  
     *mixtum* Lec. 63-14  
 600. *grandiceps* Hayw. 97-70 Mass. N.Y.  
     ? [Tex.  
 601. *rickseckeri* Hayw. 97-85 Cal. Or. Wash.  
     X. (*Peryphodes* Csy. 18-85)  
 602. *ephippigerum* (Lec.) 52-188 So. Cal. Colo.  
 603. *salinarium* Csy. 18-86 Utah  
     XI. *Hydriomicrus* Csy. 18-87)  
 604. *semistriatum* (Hald.) 43-303 N.H. N.C. Ky.  
     [Ind.  
 605. *constricticollis* Hayw. 97-112 Colo.-Ariz.  
     XII. (*Notaphus* Steph. 29-2)  
 606. *coloradense* Hayw. 97-98 Colo. Vanc.  
 607. *idoneum* Csy. 18-90 Cal.  
     a. *obsequens* Csy. 18-90 Cal.  
 608. *efficiens* Csy. 18-90 Cal.  
 609. *continens* Csy. 18-91 No. Cal.  
 610. *imperitum* Csy. 18-91 Vanc. Wash.  
 611. *prociduum* Csy. 18-91 Wash.  
 612. *nigripes* (Kby.) 37-58 Que. Vanc.  
 613. *augurale* Csy. 18-92 Cal.  
 614. *consuetum* Csy. 18-93 Cal.  
 615. *evidens* Csy. 18-93 Utah  
 616. *simulator* Csy. 18-93 Cal.  
 617. *variolosum* Mots. 59-131 Alas. Nev.  
 618. *umbratum* (Lec.) 48-458 Wy. Colo. Nev.  
 619. *curiosum* Csy. 18-95 Cal.  
 620. *mobile* Csy. 18-95 B.C.  
 621. *semotum* Csy. 18-96 Cal.  
 622. *nubiferum* Csy. 18-96 Cal.  
 623. *gulosum* Csy. 18-96 Id.  
 624. *suspectum* Blaisd. 02-76 Or.  
 625. *approximatum* (Lec.) 52-187 Cal. B.C. Ariz.  
 626. *devinctum* Csy. 18-97 Cal. [Sask.  
 627. *extricatum* Csy. 18-98 So. Cal.  
 628. *caudex* Csy. 18-98 Cal.  
 629. *pimanum* Csy. 18-98 Ariz.  
 630. *consentaneum* (Lec.) 52-187 So. Cal.  
     a. *barbaræ* Csy. 18-99 Cal.  
 631. *derisor* Csy. 18-99 Cal.  
 632. *cernens* Csy. 18-100 So. Cal.  
 633. *latebricola* Csy. 18-100 Ariz.  
 634. *expositum* Csy. 18-101 Cal.  
 635. *jacobianum* Csy. 18-101 So. Cal.  
 636. *formale* Csy. 18-101 Cal.  
     a. *reconditum* Csy. 18-102 Cal.  
 637. *franciscanum* Csy. 18-102 Cal.  
 638. *ornatellum* Csy. 18-102 Cal.  
 639. *procax* Csy. 18-103 So. Cal.  
 640. *operosum* Csy. 18-103 Cal.  
 641. *indistinctum* Dej. 31-67 So. Cal.-B.C.  
     *flammulipenne* (Mots.) 59-129  
 642. *debiliceps* Csy. 18-104 Or.  
 643. *conspersum* Chd. 68-244



**Bembidion Latr.**

- tessellatum || (Lec.) 52-188  
 xanthostictum G. & H. 68-424  
 644. imitator Csy. 18-105 B.C.  
 645. provoanum Csy. 18-105 Utah  
 646. monstratum Csy. 18-106 Ill.  
 647. fenisex Csy. 18-106 Ind.  
 648. posticum (Hald.) 43-303 R.I. Pa. L.Sup.  
 649. plectile Csy. 18-107 Ind. Wis. [Ia.  
 650. mediocre Csy. 18-107 Atl. St.?  
 651. patrule Dej. 31-69 Pa. N.Y. Ind. [Ia.  
     variegatum ‡ Lec. nec Say  
 652. graphicum Csy. 18-108 Wis.  
 653. retractum Csy. 18-109 Colo.  
 654. exclusum Csy. 18-109 Ill.  
 655. intermedium (Kby.) 37-58 Ill. Mo. So. Cal. [Ind.  
     rapidum (Lec.) 48-460  
 656. convexulum Hayw. 97-106 Alb. B.C.  
     Ariz. Mont.  
 657. marcidum Csy. 18-110 R.I. N.Y.  
 658. dorsale Say 23-84 Ill. Mont.  
 659. versutum Lec. 78-594 N.H. Wis. Nfld.?  
     Pa. Ind.  
 660. variegatum Say 23-89 (Mass. Tex.?)  
     postfasciatum Ham. 93-305  
 661. obtusangulum Lec. 63-19 Colo.-Cal.  
 662. cornix Csy. 18-111 Wash.  
 663. mormon Hayw. 97-110 Ut. Wy. Cal.  
 664. callens Csy. 18-112 Ariz.  
 665. fidele Csy. 18-113 Utah  
 666. novellum Csy. 18-113 Cal.  
 667. rubiginosum Lec. 79-509 Colo.  
 668. parabile Csy. 18-114 Nev.  
 669. diligens Csy. 18-114 Utah  
 670. aleneanum Csy. 18-114 Id.  
 671. perturbatum Csy. 18-115 Colo.  
 672. agitabile Csy. 18-115 Id.  
 673. atrolucens Csy. 18-115 Or.  
 674. morulum Lec. 63-19 H.B.T. Man.  
 675. dyschirinum Lec. 61-340 Colo. Cal.  
 676. vile (Lec.) 52-189 So. Cal.  
 677. vinnulum Csy. 84-15 So. Ariz.  
     scintillans ‡ Hayw. nec Bates 82-150  
 678. definitum Csy. 18-116 Ariz.  
 679. arcuatum Lec. 78-594 N.S. Mass. Mich.  
 680. graciliforme Hayw. 97-97 Mass. Ia. Ind.  
 681. incrematum Lec. 60-316 Alas.  
     nigripes ‡ Mann. 52-300  
     ?dentellum (Thunb.) 85-50 Eur.  
     undulatum Sturm 25-156  
 682. lassulum Csy. 18-118 Ariz.  
 683. insulatum (Lec.) 52-186 Wy. So. Cal.  
 684. caliginosum Csy. 18-119 Ariz.  
 685. placabile Csy. 18-119 W. Tex.  
 686. cordatum (Lec.) 48-457 N.Y. Ind.  
     a. viridicolle (Laf.) 41-48 Tex.  
     hamiferum Chd. 68-244 Tex.  
 687. nubiculosum Chd. 68-244 So. Cal. Ariz. [Ut.  
     laticolle || (Lec.) 52-187  
     a. daphnis Csy. 18-120 W. Tex.  
 688. amnicum Csy. 18-121 Tex.  
 689. festinans Csy. 18-121 Tex.  
 690. prosperum Csy. 18-122 Fla.  
 691. luculentum Csy. 18-122 Fla.  
 692. vividum Csy. 85-66 N.J.  
 693. argutum Csy. 18-123 R.I.  
 694. contractum Say 23-85 Mass. Fla.  
     ?pilatei Chd. 68-243 La.  
 695. constrictum (Lec.) 48-462 N.Y. Fla. Tex.

**Bembidion Latr.**

- a. vernula Csy. 85-62 N.J.  
 b. civile Csy. 18-124 Tex.  
 696. particeps Csy. 18-124 Ariz.  
 697. acticola Csy. 85-63 N.J. Del.  
 698. editum Csy. 18-125 N.J.  
 699. vulpecula Csy. 18-126 Tex.  
 700. dejectum Csy. 85-67 So. Ariz.  
 701. docile Csy. 18-126 Ariz.  
 702. sociale Csy. 18-127 Mich.-Tex.  
 703. negligens Csy. 18-127 Tex.  
 704. fugitans Csy. 18-127 Ariz.  
 705. affine Say 23-86 N. Eng.-Ariz.  
     fallax Dej. 31-189 [Ind.  
 706. thespis Csy. 18-128 Mich.  
 707. impotens Csy. 18-129 Ariz.  
     pictus || (Lec.) 48-461  
 708. æstivum Csy. 18-129 Ill.  
 709. frugale Csy. 18-130 So. Cal.  
 710. imbelle Csy. 18-130 Tex.-Ia.  
 711. gratuitum Csy. 18-130 Ariz.  
 712. virgatulum Csy. 18-131 Cal. Nev.  
 713. decipiens Dej. 31-189 Pa. N.Y. L. [Sup.  
 714. rotundiceps Csy. 18-132 L.I.  
 715. tolerans Csy. 18-132 B.C.  
 716. egens Csy. 18-132 N. Mex.  
 717. demissum Csy. 18-133 Ariz.  
 718. triviale Csy. 18-134 Cal.  
 719. sordidulum Chd. 68-244 Cal.  
 720. temperans Csy. 18-135 Cal.  
 720½. fuchsi Blaisd. 02-77 Cal.  
 721. timidum (Lec.) 48-460 Ut. Rocky Mts.  
 722. flavopictum Mots. 50-13 Alas. Cal.  
 723. versicolor (Lec.) 48-460 Nfld. L. Sup. Ind.? B.C.?  
     variegatum || (Kby.) 37-58 [Sask.  
 724. peltax Csy. 18-136 R.I.  
 725. muscicola Hayw. 97-122 N.H. Ont. [Mich.  
     lampros ‡ auct. nec Hbst.  
 726. scudderi Lec. 78-451 Ut.-So. Cal.  
 727. consimile Hayw. 97-88 Neb.-Ut.  
 728. henschawi Hayw. 97-87 Wy.-So. Cal.  
 729. hageni Hayw. 97-89 Ariz.  
     sempunctatum || (Lec.) 52-186  
     ? .  
 730. oberthüri Hayw. 01-158 Mass.-Man. [Ind.  
     viridicolle ‡ Hayw. 97-103  
 731. fraternum Lec. 57-6 Pa. Ga. Fla. La.  
 732. æneicolle (Lec.) 48-459 Colo.-Man.  
 733. grandicolle (Lec.) 52-189 So. Cal.  
 734. aratum (Lec.) 52-189 Ariz.  
 XIII. (*Cyclolopha* Csy. 18-144)  
 735. occultum Csy. 18-144 Ariz.  
 736. minax Csy. 18-146 N. Mex. Ind.  
 XIV. (*Lopha* Steph. 29-2)  
 737. quadrimaculatum (L.) 58-416 Eur. Sib. R.I. [Colo.  
     oppositum Say 23-86  
 738. gregale Csy. 18-148 B.C.  
 739. caseyi n.m.  
     pugetanum || Csy. 18-148 Wash.  
 740. crurale (Lec.) 52-189 Cal.  
 741. dubitans (Lec.) 52-189 Colo. Ariz. Cal.  
 742. adductum Csy. 18-149 Cal.  
 743. sapphicum Csy. 18-149 Nev.  
 744. pedicellatum Lec. 57-6 Pa.-Mo. Ind.  
 745. strigulosum Csy. 18-150 D.C.  
 746. fastidiosum Csy. 18-150 Mo. Ill.



**Bembidion** Latr.

747. *mutatum* G. & H. 68-416 Alas. Nfld.  
     *axillare* (Lec.) 50-211 [L.Sup. N.H.  
 748. *vegetum* Csy. 18-151 Colo.  
 749. *præcinctum* Lec. 79-509 Colo. Ut. Nev.  
 750. *tenax* Csy. 18-152 N.Mex.  
 751. *veridicum* Csy. 18-152 Nev.  
 752. *relictum* Csy. 18-153 Cal.  
     ?

753. *jucundum* Horn 95-230 Ariz. L. Cal.

XV. (*Paralopha* Csy. 18-153)

754. *sulcatum* (Lec.) 48-463 Mass. N.Y.  
     L.Sup. H.B.T.

*trepidum* (Lec.) 48-463

755. *perconcinnum* Blais. 04-349 Cal.

*blaisdelli* Csy. 18-222

*concinnum* || Blaisd. 02-78

XVI. (*Diplocampa* Bedel 81-261)

756. *digressum* Csy. 18-155 Cal.  
 757. *concretum* Csy. 18-156 Mich.  
 758. *congruens* Csy. 18-156 R.I.  
 759. *frontale* (Lec.) 48-462 R.I. Va. Mo.  
     Ind.  
     *assimile* ‡ Hayw. nec Gyll. 10-26 Eur.  
 760. *siticum* Csy. 18-157 Cal. Nev.  
 761. *adolescens* Csy. 18-158 Cal.  
 762. *umbraticum* Csy. 18-158 Mich.  
 763. *scenicum* Csy. 18-159 Cal.  
 764. *acutifrons* Lec. 79-509 Colo. Ut.  
 765. *clemens* Csy. 18-159 Ut.  
 766. *peregrinum* Csy. 18-159 Alas.  
 767. *connivens* (Lec.) 52-188 Cal. Vanc.  
 768. *vapidum* Csy. 18-160 Cal. [Sask.  
 769. *disparile* Csy. 18-161 Cal.  
 770. *ampliceps* Csy. 18-161 Cal.  
 771. *tersum* Csy. 18-162 Cal.  
 772. *cautum* (Lec.) 48-464 Nfld.-Alas.  
 773. *invidiosum* Csy. 18-162 N.Mex. [Colo.  
 774. *habile* Csy. 18-162 Ill. Mich.  
 775. *remotum* Csy. 18-163 Cal.  
 776. *anguliferum* (Lec.) 52-185 Cal. Ind.?

?

— *biimpressum* Mann. 43-217 Alas.

— *glabriusculum* Mann. 53-147 Alas.

— *kuprianovi* Mann. 43-217 ?

— *fortestriatum* (Mots.) 45-352 Alas.

— *laterimaculatum* (Mots.) 59-130

Cal.

— *obscurumaculatum* (Mots.) 59-130

Alas.?

**Amerizus** Chd. 68-211

777. *crassicornis* Csy. 18-165 B.C.  
 778. *oblongulus* (Mann.) 52-299 Alas. Lab.  
     ? *wingatei* (Bland) 63-319 [Nfld. Mass.  
 779. *spectabilis* (Mann.) 52-298 Alas. B.C.  
 780. *longicornis* Csy. 18-166 Cal.  
 781. *keeni* Csy. 18-166 B.C.

**Anillus** Duval 51-72

(*Anillinus* Csy. 18-167)

782. *carolinæ* Csy. 18-168 N.C.  
 783. *fortis* Horn 68-127 Ga. Tenn. Va.  
 784. *dohrni* Ehlers 83-36 Fla.? [D.C.  
 785. *affabilis* Brues 02-366 Tex. (N.C.  
     [Ind.?)

(*Anillaspis* Csy. 18-168)

786. *explanatus* Horn 88-26 Cal.

787. *debilis* Lec. 53-397 Cal.

**Lymneops** Csy. 18-168

788. *angusticeps* Csy. 18-169 Cal.

789. *laticeps* (Lec.) 58-61 Cal.

?

790. *puritanum* (Hayw.) 97-129 Mass.

**Pericompsus** Lec. 51-191I. (*Pericompsus* s. str.)

791. *sellatus* Lec. 51-191 Cal. Ariz.

II. (*Tachysops* Csy. 18-171)

792. *chippiatus* (Say) 34-439 N. Eng.-Tex.  
     *elegantulus* (Laf.) 41-46 [Ind.

III. (*Tachysalia* Csy. 18-173)

793. *lætulus* Lec. 51-192 Ariz.

**Paratachys** Csy. 18-174

794. *austini* Csy. 18-174 Tex.

**Tachyura** Mots. 62-27

(*Barytachys* Chd. 68-211)

795. *rapax* (Lec.) 51-192 Cal. Nev. Ariz.  
 796. *audax* (Lec.) 51-193 Ariz. Ut. Tex.  
 797. *dolosa* (Lec.) 48-470 Ind. Wis. Mo.  
 798. *cockerelli* (Fall) 07-218 N.Mex.  
 799. *anthrax* (Lec.) 51-192 So. Cal.  
 800. *solita* Csy. 18-178 Tex.  
 801. *soror* Csy. 18-179 Tex.  
 802. *monticola* Csy. 18-179 N.Mex.  
 803. *nebulosa* (Chd.) 68-214 La. Miss. Ut.  
     *incurvus* ‡ Lec. nec Say  
 804. *sectator* Csy. 18-180 Ut.  
     a. *sospes* Csy. 18-180 Ariz.  
 805. *incurva* (Say) 34-440 Can. Fla. L.  
     Sup. Ind. Cal.  
     *pulchellus* ‡ (Lec.) nec Laf. [Ariz.

*anceps* (Lec.) 48-470

806. *vernica* Csy. 18-181 Ind.?

807. *congener* Csy. 18-181 Tex. Miss.

808. *gemella* (Csy.) 84-71 N.J. Va.

809. *fuscicornis* (Chd.) 68-214 La. Fla.

810. *parallela* Csy. 18-182 R.I.

811. *granaria* (Dej.) 31-61 Can. Fla. Neb.

- glossema* (Csy.) 84-70 Pa. [Ind.

*occulta* (Lec.) 48-470

812. *brevis* Csy. 18-182 Va.

813. *lætifica* Csy. 18-183 R.I. N.Y. N.C.

814. *renoica* Csy. 18-183 Nev. Cal.

815. *tahoensis* Csy. 18-183 Cal.

816. *apacheana* Csy. 18-184 Ariz.

817. *sedula* Csy. 18-184 Cal.

818. *profuga* Csy. 18-185 Nev.

819. *xanthopus* (Dej.) 31-60 Mass. Fla. Ind.

- mendax* (Lec.) 48-469 [N.Mex.?

- a. *laxipennis* Csy. 18-185 R.I.

- b. *famelica* Csy. 18-185 R.I.

820. *levipes* Csy. 18-186 R.I. L. I. N. J.

821. *liebecki* (Hayw.) 00-207 Tex. [Va.

822. *rubricauda* Csy. 18-186 Tex. La. Ia. Ind.

823. *ancilla* Csy. 18-186 N.C.

824. *fatua* Csy. 18-187 Fla.

825. *capax* (Lec.) 63-20 N.J. Fla. Ia.

826. *saturata* Csy. 18-187 Mo. Ind.

827. *gaudens* Csy. 18-188 N.C. Pa.

828. *fracta* Csy. 18-188 Tex.

829. *tripunctata* (Say) 34-439 Tex.

829. *tripunctata* (Say) 34-439 Can. Va. Ind.

829. *tripunctata* (Say) 34-439 Tex.

**Tachyura** Mots.

830. vivax (Lec.) 48-468 Pa. N.C. Ia.  
 831. laredoana Csy. 18-189 Tex. [Ind.  
 832. serva Csy. 18-189 N.Y.  
 ?  
 833. obesulus (Lec.) 51-192 Ariz. Cal.  
 834. ferrugineus (Dej.) 31-59 Mass. S.C. Ia.  
 ovipennis (Chd.) 68-215 [Ind.  
 835. frontalis (Hayw.) 00-212 Mass. N.Y. Pa.

**Tachys** Steph. 29-2

(Polyderis Mots. 62-27, pars)

I. (*Tachys* s. str.)

836. edax Lec. 51-194 Or. Cal. Nev.  
 Ut.?  
 837. umbripennis Chd. 68-213 Tex. Ark.  
 838. vorax Lec. 51-194 So. Cal. Ariz.  
 Tex.  
 839. pumilus (Dej.) 31-43 Fla. La. Tex.  
 840. oblitus Csy. 18-195 N.J.  
 841. cuneatus Csy. 18-195 N.Y.  
 a. appalachius Csy. 18-195 N.C.  
 842. iowensis Csy. 18-195 Ia.  
 843. columbiensis Hayw. 00-231 S.C. Fla. N.C.  
 844. sagax Csy. 18-197 No. Ill.  
 845. ventricosus Lec. 63-20 Fla. La. Tex.  
 oopterus Chd. 68-212  
 846. albipes Lec. 63-20 Fla. La.  
 847. latipennis Hayw. 00-217 L. Cal.  
 848. gentilis Csy. 18-197 Ind.?  
 849. proximus (Say) 23-88 N. Eng. N.C.  
 850. rhodeanus Csy. 18-198 R. I. [Neb. Ind.  
 851. scitulus Lec. 48-471 Can. Fla. Tex.  
 852. pallescens Csy. 18-199 Ia. Miss. [Ind.  
 853. hyalinus Csy. 18-200 Tex.  
 854. temporalis Csy. 18-200 N.Y.  
 855. nubifer Csy. 18-200 Miss.  
 856. obliquus Csy. 18-201 L. I.  
 857. coruscus Lec. 48-472 R. I. Fla. Colo.  
 æneipennis ‡ Chd. 68-211 [Ind.  
 858. æneipennis Mots. 62-29 Ala. Miss.  
 859. spadix Csy. 18-202 Tex.  
 860. laticollis Csy. 18-202 Tex.  
 861. vernilis Csy. 18-202 Tex.  
 862. sequax Lec. 48-472 Colo.  
 — brunnicolis (Mots.) 62-28 Ala.  
 — reflexicollis (Mots.) 62-31 N.Y.  
 — glabella (Mots.) 62-34 Ala.  
 — testaceolimbata (Mots.) 62-33 Ala.

II. (*Isotachys* Csy. 18-204)

863. vittiger Lec. 51-193 So. Cal. Vanc.

**Tachys** Steph.

864. marginellus Lec. 51-194 Ariz.  
 865. funebris Csy. 18-205 Ut.  
 866. litoralis Csy. 84-15 N.J.  
 867. pallidus Chd. 68-212 Tex. Fla.  
 868. omissus Csy. 18-206 Va.  
 869. luridicollis Csy. 18-207 Tex.  
 870. torrescans Csy. 18-207 Miss.  
 871. pugnax Csy. 18-207 Tex.  
 occultator ‡ Hayw. nec Csy.  
 872. subtropicus Csy. 18-208 Tex.  
 873. occultator Csy. 84-69 N.J. Fla. Tex.  
 874. bradycellinus Hayw. 00-224 La. Tex.  
 875. esurialis Csy. 18-209 So. Cal.  
 876. corax Lec. 51-194 So. Cal. Ariz.  
 Ut.  
 877. mordax Lec. 51-193 So. Cal. Ariz.  
 878. virgo Lec. 51-194 So. Cal. [Ut.  
 879. misellus Laf. 41-48 Tex.

III. (*Microtachys* Csy. 18-210)

880. congestus Csy. 18-212 Va.  
 881. unistriatus Csy. 18-212 Pa.  
 882. rectus Csy. 18-213 La.  
 883. lævus (Say) 23-88 Can. Fla. Tex.  
 troglodytes (Dej.) 131-44 [Ind.  
 884. fluminalis Csy. 18-213 Miss.  
 885. diaphanus Csy. 18-214 Tex.  
 886. rufotestaceus Hayw. 00-217 So. Cal. Ariz.  
 ? [Tex.  
 887. trechiformis Hayw. 00-216 Ariz.

**Tachyta** Kby. 37-56

(Tachymenis Mots. 62-27, pars)

888. angulata Csy. 18-216 Wis.  
 889. kirbyi Csy. 18-216 Minn.  
 890. nana (Gyll.) 10-30 Eur. (N. Am.?)  
 891. falli (Hayw.) 00-199 Cal. Vanc.  
 892. inornata (Say) 23-88 Can. Fla. Ia.  
 nana ‡ auct. nec Gyll. [Ind. So. Cal.  
 picipes (Kby.) 37-56  
 893. collaris Csy. 18-218 Wash.  
 894. arizonica Csy. 18-219 Ariz.  
 895. debilicollis Csy. 18-219 N.Y.  
 896. californica Csy. 18-219 Cal.  
 ?  
 897. rivularis (Mots.) 50-8 Alas.

**Tachymenis** Mots. 62-27

898. flavicauda (Say) 23-87 Can. Fla. Cal.  
 apicalis (Sturm) 43-36 [Ind.  
 marginicollis Mots. 62-32 La.

## MICRATOPINI

**Micratopus** Csy. 14-42

(*Blemus* ‡ Lec. 48-473)  
 (*Lymnastes* ‡ Mots. 62-27)

**Micratopus** Csy.

899. ænescens (Lec.) 48-473 N.C. Fla. La.  
 900. fusciceps Csy. 14-43 Miss.

## POGONINI

Putzeys 47; Chaudoir 71; Horn 75, 76, 83; Schæffer 01, 15; Van Dyke 18; Casey 18

**Patrobus** Dej. 28-26

901. longicornis (Say) 25-40 Nfld.-Minn.  
 americanus Dej. 28-34 [N.C.-Mo. Ind.  
 902. septentrionis Dej. 28-29 Eur. Bor. Am.?  
 Man.  
 hyperboreus Dej. 28-30 Greenland  
 ?fossor (O. Fab) 80- Greenland

**Patrobus** Dej.

- ?fossifrons (Esch.) 23-104 Alas.  
 ?foveicollis (Esch.) 23-105 Alas.  
 longiventris Mann. 53-145 Alas.  
 a. tenuis (Lec.) 50-207 Mich.  
 b. lecontei Chd. 71-47  
 rufipes || Lec. 63-18 H.B.T.



**Patrobus** Dej.

- c. labradorinus Csy. 18-395 Lab.  
 d. minuens Csy. 18-396 Lab.  
 e. læviceps Csy. 18-397 Lab.  
 903. fulvus Mann. 53-145 Alas.  
 904. insularis Csy. 18-397 Alas.

**Platidius** Chd. 71-43

905. californicus (Mots.) 59-123 No. Cal.  
 trochantericus (Lec.) 69-375 No. Cal.  
 obtusiusculus Chd. 71-43 H.B.T.  
 stygicus Chd. 71-46 Nfld.  
 a. latipennis Csy. 18-399 Cal.  
 b. incisus Csy. 18-399 Cal.  
 c. strenuus Csy. 18-400 Wash.  
 d. rectus Csy. 18-400 Nev.  
 c. sierranus Csy. 18-401 Cal. Nev.  
 f. breviceps Csy. 18-402 Colo.  
 906. aterrimus (Dej.) 28-32 Colo. Alas.  
 fulcratus (Lec.) 69-374 Vanc.  
 a. brevisculus Csy. 18-401 Nev.  
 b. tenuitarsis Csy. 18-403 Colo.  
 c. coloradensis Csy. 18-403 Colo.  
 d. reflexus Csy. 18-403 Colo.  
 e. filicornis Csy. 18-404 No. Cal.  
 907. angusticollis (Mann.) 53-146 Alas.  
 908. rugicollis (Rand.) 38-1 Can. Pa.

**Trechus** Clairv. 06-22

909. borealis Schffr. 15-47 Lab. Nfld.  
 N.J. Man.  
 rubens ‡ auct. nec Fab. 92-140 Eur. N.S.  
 puritanus Csy. 18-407 Mass.  
 rhodensis Csy. 18-408 R.I.  
 brumalis Csy. 18-408 Lab.

**Trechus** Clairv.

910. chalybeus Dej. 31-17 Alas. N.J. Ind.  
 a. californicus Mots. 45-347 Alas. Or. Cal.  
 b. tahoensis Csy. 18-407 Cal.  
 c. pallescens Csy. 18-407  
 fulvus || Lec. 48-415 Minn. Wis.  
 d. micans Lec. 48-414 L. Sup.  
 e. utahensis Schffr. 15-48 Ut.  
 f. coloradensis Schffr. 15-48 Colo.  
 g. saxatilis Csy. 18-408 Colo.  
 911. ovipennis Mots. 45-348 Alas. Cal.  
 lævigatus Lec. 63-14  
 912. pomonæ Fall 01-211 So. Cal.  
 913. carolinæ Schffr. 01-212 N.C.  
 914. arizonæ Csy. 18-409 Ariz.  
 915. hydropicus Horn 83-273 Va. N.C.  
 flavipes Kby. 37-48

**Thalassotrechus** Van D. 18-303

- (*Anatrechus* Csy. 18-411)  
 916. barbaræ (Horn) 92-41 So. Cal.  
 917. nigripennis Van D. 18-304 Cal.

**Anophthalmus** Sturm 44-131

918. tellkampfi Er. 44-384 Ky.  
 919. interstitialis Hubb. 80-52 Ky.  
 ?striatus Mots. 62-41 Ky.  
 920. menetriesi Mots. 62-40 Ky.  
 ventricosus Mots. 62-42 Ky.  
 angulatus Lec. 63-18 Ky.  
 921. tenuis Horn 71-327 Ind. Va.  
 eremita Horn 71-325 Ind.  
 922. pusio Horn 68-125 Va. Ky.  
 923. pubescens Horn 68-126 Ky.  
 924. audax Horn 83-272 Ky.  
 925. horni Garman 92-241 Ky.

## POGONINI VERI

**Pogonus** Dej. 28-6

926. texanus Chd. 68-64 Tex.

**Pogonistes** Chd. 71-43

927. planatus Horn 76-250 So. Cal.  
 depressus || Lec. 74-44

**Diplochaetus** Chd. 71-43

928. lecontei Horn 76-250 N.J. Fla. Tex.

## PTEROSTICHINI

Bonelli 09; Chaudoir 38; Leconte 52, 73; Horn 81, 92; Schaupp 82; Poppius 06;  
 Casey 13, 14, 18; Leng 15

**Myas** Dej. 28-423

929. coracinus (Say) 25-59 Can. L. Sup.  
 cyanescens Dej. 28-425 [Ind. N.Y.  
 930. foveatus Lec. 48-355 Mass. N.Y.

**Hammatomerus** Chd. 38

931. morionides Chd. 68-57 Cal.

**Holciophorus** Lec. 52-249

932. ater (Dej.) 31-339 So. Cal. Vanc.  
 aterrimus (Mots.) 45-341  
 lama Men. 44-60  
 a. vancouveri Csy. 13-97 Vanc.  
 b. pollens Csy. 13-97 Cal.  
 c. cephalus Csy. 13-98 Cal.  
 d. domitor Csy. 13-98 ?

**Cylindrocharis** Csy. 18-326

933. rostrata (Newn.) 38-387 N.C. Ga.  
 934. sulcatula Csy. 18-327 Ind.?

**Cylindrocharis** Csy.

935. piceata Csy. 18-327 N.Y.  
 936. grandiceps (Lec.) 48-336 N.Y.

**Pterostichus** Bon. 09.

- (*Feronia* Latr. 17-191 pars)  
 (*Hypherpes* Chd. Csy. 18-328)  
 937. tarsalis Lec. 73-311 Cal. Or.  
 938. spissitarsis Csy. 18-329 Cal.  
 939. serripes (Lec.) 75-169 Cal.  
 940. sequoiarum Csy. 13-101 Cal.  
 941. amethystinus (Mann.) 43-201 Alas. Or.  
 a. novellus Csy. 13-102 Vanc. No. Cal.  
 b. metlakatlæ Csy. 13-102 B.C.  
 942. obsidianus Csy. 13-102 Cal.  
 943. scenicus Csy. 13-103 B.C.  
 944. arcanus Csy. 13-103 Cal.  
 945. brunneus Dej. 31-127 Alas.  
 scutellaris Lec. 73-312 Cal. Or.



**Pterostichus Bon.**

946. jejunos Csy. 13-104 Cal.  
 947. brevisculus Csy. 13-104 Cal.  
     a. mimus Csy. 13-105 Cal.  
 948. innatus Csy. 18-328 W. Can.  
 949. crenicollis Lec. 73-311 Or.-Alas.  
     pugetanus Csy. 13-107 Or.  
 950. suffusus Csy. 13-106 Cal.  
 951. rectilatus Csy. 13-106 Or.  
 952. plutonicus Csy. 13-106 Cal.  
 953. herculaneus Mann. 43-201 Alas. Or.  
 954. cuneatulus Csy. 13-108 Cal.  
 955. planctus Lec. 52-238 Or. Cal.  
 956. johnsoni Ulke 89-59 Or.  
 957. validus Dej. 31-325 Alas. Or.  
     algidus Lec. 52-238 Or.  
 958. kansanus Csy. 18-330 W. Kan.?  
 959. responsor Csy. 18-330 Vanc.  
 960. anthrax Csy. 18-331 Vanc.  
 961. castaneus Dej. 31-326 Alas. B.C.  
     wrangelli Csy. 13-131 Alas.
- \*
962. fontinalis Csy. 13-110 Wy.  
 963. zunianus Csy. 13-111 N. Mex.  
 964. longulus Lec. 73-312 Colo. Mont.  
     a. restrictus Csy. 18-331 Colo. Mont.  
     b. luscus Csy. 18-332 Colo.  
     c. elumbis Csy. 18-332 Colo.?  
 965. protractus Lec. 60-319 H. B. T. Colo.  
     inornatus Bland 65-381 Colo.  
 966. parens Csy. 13-112 Cal.  
 967. placentensis Csy. 18-334 Cal.  
 968. occultus Csy. 13-112 Cal.  
 969. intectus Csy. 18-333 Colo.  
 970. vivax Csy. 18-333 Wy.  
 971. tahoensis Csy. 13-113 Cal.  
 972. californicus (Dej.) 28-222 So. Cal.  
     amplicollis Mots. 59-146 Cal.  
     simplex Lec. 49-188  
     muticus Lec. (Cr. Cat. 80-13)  
     a. cupidus Csy. 13-114 Cal.  
 973. humboldti Csy. 13-114 Cal.  
 974. vicinus Mann. 43-206 Cal.  
 975. vandykei Schffr. 10-392 Idaho  
 976. alamedæ Csy. 18-334 Cal.  
 977. miscellus Csy. 13-115 So. Cal.  
 978. bucolicus Csy. 13-115 Cal. Or.  
 979. ordinarius Csy. 13-116 Cal.  
 980. laborans Csy. 13-116 Cal.  
 981. barbarinus Csy. 13-116 So. Cal.  
 982. inermis Fall 01-211 So. Cal.
- \*\*
983. menetriesi Mots. 45-341 So. Cal.  
     ater || Mann. 43-206
- \*\*\*
984. isabellæ Lec. 49-182 So. Cal.  
 985. jacobinus Csy. 13-118 So. Cal.  
 986. gliscans Csy. 13-119 Cal.  
 987. ovalipennis Csy. 13-119 So. Cal.  
 988. canallatus Csy. 13-120 So. Cal.  
 989. congestus Mén. 44-59 So. Cal. Alas.  
     illustris Lec. 49-182  
 990. diabolus Csy. 13-120 Cal.  
 991. castanipes Mén. 44-59 Cal.  
     contractus Lec. 49-182  
 992. gregalis Csy. 13-121 No. Cal.  
 993. annosus Csy. 13-122 Cal.  
 994. esuriens Csy. 13-122 Cal.  
 995. lacertus Csy. 13-123 No. Cal.

**Pterostichus Bon.**

996. sponsor Csy. 13-123 Cal.  
 997. sierranus Csy. 13-124 Cal.  
 998. mercedianus Csy. 18-335 Cal.  
 999. protensipennis Csy. 18-336 Cal.  
 1000. panticulatus Csy. 13-124 Cal.  
     01. spraguei Lec. 73-313 Nev.  
     02. gracilior Lec. 73-304 Neb. Or.  
     longicollis || Mots. 59-147 [So. Cal.  
     03. horni Lec. 73-313 So. Cal.
- \*\*\*\*
04. sphodrinus Lec. 63-10 Neb.  
 05. rejectus Lec. 52-236 N. Y. N. J. Pa.  
 06. adoxus (Say) 25-46 Can. L. Sup.  
     tristis (Dej.) 28-324 [Ga. Ind.  
     interfector (Newn.) 38-387  
     sustentus Lec. 52-236 Ga.  
     subarcuatus Lec. 52-237 N. Y.  
 07. zephyrus Csy. 13-130 ?  
 08. tetricula Csy. 13-130 Wis.

**Leptoferonia Csy. 18-336**

1009. inanis (Horn) 91-32 Cal. Wash.  
     10. elongatus (Schffr.) 10-365 Id. [Nev.  
     11. crucialis (Csy.) 13-126 Cal.  
     12. angustus (Dej.) 28-328 Cal.  
     linearis (Lec.) 52-239  
     13. caligans (Horn) 91-33 Cal.  
     14. pumilis (Csy.) 13-127 Or.  
     15. humilis (Csy.) 13-128 No. Cal.  
     16. larvalis Csy. 18-337 No. Cal.  
     17. longicollis (Lec.) 52-239 Or.  
     18. fugax Csy. 18-337 Cal.  
     19. fuchsi (Schffr.) 10-392 Cal.  
     20. ovicollis (Schffr.) 10-393 No. Cal.  
     21. arizonicus (Schffr.) 10-393 Ariz.  
     22. inopina Csy. 18-338 Or.

**Gastrellarius Csy. 18-338**

1023. atronitens Csy. 18-339 Ind.  
     24. honestus (Say) 25-51 N. S. O. Mich.  
     americanus (Laf.) 35-72 [Ind.  
     fastiditus (Dej.) 28-323  
     25. scolopaceus Csy. 18-340 Ind.  
     26. deficiens Csy. 18-340 Ind.  
     27. blanchardi (Horn) 91-33 N. C. Ga.

**Anaferonia Csy. 18-341**

1028. distincta Csy. 18-342 Ia.  
     29. ovipennis (Lec.) 48-345 N. Mex.  
     30. substriata (Lec.) 48-344 Mo. Tex. N.  
     31. pantex Csy. 18-344 Tex. [Mex.  
     32. vernicata Csy. 18-344 N. Mex.  
     33. pimalis Csy. 18-345 So. Ariz.  
     34. constricta (Say) 23-147 Kan. Ark.  
     lixa (Lec.) 48-346  
     35. latebrosa (Lec.) 52-232 Ind.?  
     36. pudica Csy. 18-346 Tex.  
     37. papago Csy. 18-346 Ariz.  
     38. iowana Csy. 18-347 Ia.  
     39. abdominalis (Lec.) 48-347 Kan.  
     40. incisa (Lec.) 48-345 Dak. Ark.  
     41. fausta Csy. 18-348 Pa.

**Cyclotrachelus Chd. 38 pars**

1042. roticollis Csy. 18-349 Fla.  
     43. faber (Germ.) 24-23 Fla.  
     44. tenebricosus (Dej.) 28-301 N. Am.  
     45. unicolor (Say) 25-40 N. Y. Ga.  
     46. rotundatus (Lec.) 52-230 Ga.

**Cyclotrachelus** Chd.

1047. *spoliatus* (Newn.) 38-386 Ala. Ga.  
       *brevooorti* (Lec.) 48-352  
 48. *vinctus* (Lec.) 52-232 Ga. Tenn.

**Megasteropus** Csy. 18-350

1049. *gigas* Csy. 18-350 Tex.

**Eumolops** Csy. 18-351

1050. *heros* (Say) 23-145 Ark. Tex.  
 51. *ampla* Csy. 18-353 Tex.  
 52. *prominens* Csy. 18-353 Fla.  
 53. *sexualis* Csy. 18-354 N.Mex.  
 54. *inflatula* Csy. 18-354 Colo.  
 55. *gravida* (Hald.) 53-361 Ala. Tex.  
 56. *furtiva* (Lec.) 52-233 Ind. Mich. Pa.  
 57. *sulcata* Csy. 18-355 Fla. [Md.  
 58. *sodalis* (Lec.) 48-349 Pa. Ia. Tex.  
 59. *fatua* (Lec.) 52-233 Ia. Ind. [Ind.  
 60. *sallei* (Lec.) 73-319 Tex. Kan.  
 61. *colossus* (Lec.) 48-343 Neb. La.  
 62. *torva* (Lec.) 63-9 Kan. Neb.  
 63. *corax* (Lec.) 48-347 Colo.

(*Evarthrinus* Csy. 18-357)

64. *decepta* Csy. 18-357 Ind.  
 65. *impolita* Csy. 18-358 Tex.

**Evarthrus** Lec. 52-225

1066. *rubripes* Csy. 18-359 Mo. Ia.  
 67. *sigillatus* (Say) 25-42 Ind. Md. Tex.  
       *viduus* (Dej.) 28-278  
     a. *parallelus* Csy. 18-359 Ind.  
 68. *blatchleyi* Csy. 18-360 Fla.  
 69. *breviformis* Csy. 18-360 N.C.  
 70. *seximpressus* (Lec.) 48-350 Ind. Ia. Mo.  
       Fla. Kan. Ariz.  
 71. *americanus* (Dej.) 28-392 Ind. N.C. La.  
       Fla. Tex.  
 72. *cnormis* Csy. 18-361 Tex.  
 73. *nonnitens* Lec. 73-320 La. Tex.  
 74. *orbatus* (Newn.) 38-386 Ga. Neb. Ind.  
       *convivus* Lec. 52-229 Ala.  
 75. *vagans* (Lec.) 48-349 Tex.  
       *engelmanni* Lec. 52-228  
 — *acuminatus* Chd. 68-52

**Monoferonia** Csy. 18-363

1076. *mancus* (Lec.) 52-234 Ga.  
       *diligendus* (Chd.) 66-53 Ga.  
 77. *osculans* (Csy.) 84-2 Ct. Md. Ill.  
       *apalachius* (Horn) 92-41  
       *diligendus* (Lec.) nec Chd.

**Ferestria** Leng 15-576

1078. *laevipennis* (Lec.) 48-355 Fla. Ga.  
 79. *acuta* (Lec.) 52-231 Ga. Fla. La.  
       *ovula* (Chd.) 68-332  
 80. *obsoleta* (Say) 34-424 O. Ind. Tex.  
 81. *approximata* (Lec.) 48-354 D.C. Pa. [Fla.  
 82. *morio* (Dej.) 28-302 Fla. Ala.  
 83. *nanula* Csy. 18-364 Ala.

**Feronina** Csy. 18-365

1084. *palmi* (Schffr.) 10-393 N.C.

**Euferonia** Csy. 18-365

1085. *relicta* (Newn.) 38-387 N.Y. L.Sup.  
       *protensa* (Lec.) 63-12 [Ind.  
 86. *proba* (Csy.) 13-133 N.C.

**Euferonia** Csy.

1087. *quadrifera* Csy. 18-366 Ont.  
 88. *vapida* (Csy.) 13-134 No. N.Y.  
 89. *stygica* (Say) 25-41 N.Y. Pa. Ill.  
       *bisigillatus* (Harris) 28-123 [Ind. Mich.  
       *rugicollis* (Hald.) 43-300  
       *picipes* (Newn.) 38-377  
 90. *ingens* Csy. 18-367 Ind. Ill. Ia.  
 91. *umbonata* Csy. 18-368 R.I. [Mo.  
 92. *subæqualis* Csy. 18-368 Ind.  
 93. *coracina* (Newn.) 38-386 Can. Va. Nfld.  
       *mœrens* (Newn.) 38-387 [Ind.  
 94. *flebilis* (Lec.) 52-245 Pa.  
 95. *adjuncta* (Lec.) 52-245 Mich. Pa. N.Y.  
 96. *erebea* (Csy.) 13-134 L.Sup.  
 97. *lachrymosa* (Newn.) 38-386 Mass.-Pa.

**Lyperopherus** Mots. 60-93

1098. *punctatissimus* (Rand.) 38-3 Lab. Nfld. Me.  
       *cancellatus* Mots. 60-93 H.B.T. Mass.  
       *schrenki* Moraw. 63-256 L.Sup.  
       *agonus* (Horn) 80-140 Sib.  
       Sib.  
       Alas.

**Refonia** Csy. 18-370

1100. *mœsta* (Say) 23-41 Atl. St. Pa.  
 01. *superciliosa* (Say) 23-42 Pa. L.Sup.

**Abacidus** Lec. 63-9

- (*Peristethus* Lec. 63-9)  
 (? *Abax* Bon. 09)  
 1102. *fallax* (Dej.) 28-321 N.C. Fla. Tex.  
       03. *sculptus* (Lec.) 52-248 S.&W. St.  
       *striatus* || (Dej.) 28-390  
       04. *obesulus* (Lec.) 73-314 Ga.  
       05. *permundus* (Say) 34-426 Ala. La. Neb.  
       *atratus* (Newn.) 38-386 [Ill. Ind.  
       06. *planifer* (Csy.) 13-136 Ind.  
       07. *hamiltoni* (Horn) 80-139 Pa.

**Gastrosticta** Csy. 18-371

1108. *ventralis* (Say) 25-46 Mo. Fla.  
       ? *cyclodera* (Chd.) 65-100  
       09. *puta* (Csy.) 13-135 Tex.  
       10. *obscura* (Say) 34-435 Ind. S. W. St.  
       11. *amnicola* Csy. 18-372 Mo.  
       12. *subacuta* Csy. 18-373 Tex.  
       13. *tumescens* (Lec.) 63-11 La. Tex.

**Cryobius** Chd. 38-11

1114. *ventricosus* (Esch.) 23-186 Alas.  
       a. *brevicollis* (Tsch.) 91-142 Alas.  
 15. *quadrangularis* (Sahl.) 87-20 Alas.  
 16. *subexaratus* (Mann.) 53-128 Alas. Sib.  
       *hyperboreus* (Mann.) 53-129 Alas.  
       a. *rugiferus* Tsch. 91-141 Alas.  
 17. *rotundicollis* Mann. 53-132 Alas.  
 18. *paludosus* Sahlb. 44-46 Alas.  
 19. *nordqvisti* Sahl. 87-19 Alas.  
 20. *vindicatus* Mann. 53-129 Alas.  
       *rufiscapus* Mann. 53-341 Alas.  
 21. *otariidinus* Csy. 18-374 Alas.  
 22. *subcaudatus* Mann. 53-132 Alas. H.B.T.  
 23. *subsinuosus* Chd. 68-339 Alas.  
       *subnitidulus* Pop. 05-62 Alas.  
 24. *empetricola* (Dej.) 28-331 Alas.  
       *frigidus* (Dej.) 28-334 (N.Am.?)  
 25. *holmbergi* Pop. 06-70 Alas.  
 26. *fatuus* Mann. 53-120 Alas.  
       ? *fusco-æneus* (Chd.) 35-448 Alas.



**Cryobius** Chd.

1127. riparius (Dej.) 28-332 Alas.  
 28. diplogma Chd. 68-340 Alas.  
 29. confusus Mots. 60-93 Alas.  
 30. insulicola Pop. 06-81 Alas.  
 31. similis Mann. 52-96 Alas.  
     quadricollis Mann. 53-133 Alas.  
 32. pinguedinus (Esch.) 23-106 Alas.  
 33. beringensis Pop. 08-4 Alas.  
 34. incognitus Pop. 06-91 Alas.  
 35. splendidus Sahl. 87-49 Alas.  
 36. alaskensis Pop. 06-116 Alas.  
 37. hudsonicus Lec. 63-11 H.B.T. Lab.  
     N.H. L.Sup.  
 38. labradorensis Chd. 68-340 Lab.  
 39. planus Sahl. 87-141 Alas.  
 40. pacificus Pop. 06-184 Alas.  
 41. arctica Chd. 68-339 Greenland  
     Lab. N.H.  
 42. montanellus Pop. 07-21 N.H.  
 43. fastidiosus Mann. 53-131 Alas.  
 44. brevicornis Kby. 37-31 H.B.T.  
     epipleuralis Sahl. 87-49 Alas.  
 45. mandibularis Kby. 37-31 H.B.T.  
 46. surgens (Lec.) 78-449 Colo.  
 47. beringi Csy. 18-374 Alas.  
 48. delicatus Csy. 18-375 Alas.  
 49. breviusculus Csy. 18-375 Alas.  
 — ochoticus Sahlb. Sib. (N.Am.?)  
 — arcticus Sahlb. n.m. Alas.?  
 — infimus Maek. nec Chd.  
 — borealis Mann. 51-50 Sib. nec N.Am.  
     (Genus?)  
 — sejungendus Chd. 68-336 Cal.  
 — basilaris Mann. 65-261 Ala.  
 — commixtus Chd. 50-135 Alas.  
 — curtippennis Mots. 59-148 Cal.  
 — femoratus Mots. 45-22 Alas.  
 — licinoides Mots. 65-261 Am. bor.  
 — nimius Mots. 65-260 Ohio  
 — perseverus Mots. 65-260 Am. bor.  
 — ruficollis Mann. 53-131 Alas.  
 — rugulosus Mots. 45-342 Alas.  
 — texanus || Mots. 65-261 Tex.

**Paraferonia** Csy. 18-376

1150. lubricus (Lec.) 52-240 Ga.

**Piesmus** Lec. 48-340

1151. monedulus (Germ.) 24-18 Ala. Fla.  
     a. submarginatus (Say) 25-45 N.C.  
     punctatosulcatus (Sturm) 26-185

**Pœcilus** Bon. 09-

1152. subcordatus Lec. 49-181 N.Mex. Ariz.  
     So. Cal.  
 53. scitulus Lec. 52-254 Mont. So. Cal.  
 54. lætulus Lec. 63-10 So. Cal. Ariz.  
     californicus || Lec. 52-253  
     occidentalis ‡ Chd.  
 55. occidentalis Dej. 28-231 So. Cal. Nev.  
     cursitor Lec. 52-254  
     cursorius Lec. 49-181  
 56. corvus Lec. 73-307 Dak.  
 57. cyanicolor Chd. 76-43 Mo.  
     cyaneus || Lec. 52-254  
 58. texanus Lec. 63-10 Tex. Ariz.  
 59. snowi Csy. 13-137 Ariz.  
     ?mexicanus Chd. 75-44 Mex.  
 60. pimalis Csy. 13-138 Ariz.

**Pœcilus** Bon.

1161. chalcites Say 23-56 Atl. & W. St.  
     sayi Brullé 35-277 La. [Ind.  
     micans Chd. 43-767 La.  
 62. lucublandus Say 23-55 U.S. & Can.  
     manhattanis Csy. 84-72 N.Y. [Ind.  
     castanipes Kby. 37-37 Alas.  
     dilatatus Lec. 48-232 N.Y.  
     a. fraternus Say 24-270 Ut.  
 63. bicolor Lec. 48-232 Colo.  
 64. convexicollis Say 23-50 Mich.

**Lophoglossus** Lec. 52-248

1165. gravis Lec. 73-316 Pa.  
 66. haldemani (Lec.) 48-241 Fla. Ala. Mo.  
     Ind.  
 67. tartaricus (Say) 23-44 N.J. Fla. Ind.  
     complanatus (Dej.) 28-281 N.Y.  
 68. strenuus Lec. 52-249 O. Ind. Ill.  
 69. scrutator (Lec.) 48-242 Can.  
     a. canadensis Chd. 68-331 Ill.  
 70. illini Csy. 13-145 Ind.  
 71. bispiculatus Csy. 13-146 Conn.  
 72. vernix Csy. 13-146 La. Tex.  
 — prætermisus Chd. 68-331

**Omaseus** Ziegl. Dej. Cat. 3ed. p. 39

1173. ebeninus Dej. 28-307 N.Y.-Tex. Ind.  
     acutangulus (Chd.) 43-771 Fla.  
 74. caudicalis (Say) 23-56 Can. Or. Md.  
     nigrita (Kby.) 37-32 [L.Sup. Ind.  
     agrestis Bland 65-381 Colo.  
 75. luctuosus (Dej.) 28-284 Nfld. N. Eng.  
     abjectus Lec. 52-243 [L.Sup. Ind.  
     hamatus Harris 28-123  
 76. corvinus (Dej.) 28-281 N.Y. Ga. Neb.  
     subpunctatus Harris 28-123 [L.Sup. Ind.  
     tenebrosus Chd. 37-30

**Dysidius** Chd. 38-8

1177. purpuratus Lec. 52-242 O. Ill. Ind.  
     ?parallelus Mots. 59-147 Cal.  
     a. trinarius Csy. 18-377 Pa.  
 78. mutus (Say) 23-44 Atl. St. L.Sup.  
     carbonarius (Dej.) 28-283 [Ind.  
     morosus (Dej.) 28-283  
     picicornis (Kby.) 37-33  
     pulvinatus Hausen 91-253 Can. Vt.  
     stenops Hausen 91-252 Can.

**Parargutor** Csy. 18-377

1179. lustrans (Lec.) 49-181 Cal. Nev. Ariz.  
     puncticollis (Mots.) 59-149 Cal.  
 80. atrolucens Csy. 18-378 Or.

**Pseudargutor** Csy. 18-378

- (*Platyderus* Kby. nec Steph. 28-101)  
 1181. erythropus (Dej.) 28-240 Atl. St. Fla.  
     nitidus (Kby.) 37-29 L.Sup. Ind.  
     Can.

**Micromaseus** Csy. 18-378

1182. patruelis (Dej.) 31-759 Nfld. N.Y. Ind.  
     bicolor (Kby.) 37-30 Can. [L.Sup.  
     ?linearis (Mann.) 53-126 Alas.  
 83. femoralis (Kby.) 37-31 W. St. Ind.  
 84. desidiosus (Lec.) 63-11 W. St.  
 85. æquicollis Csy. 18-379 Mo.  
 86. corrusculus (Lec.) 73-314 N.Y. Mass.



**Micromaseus** Csy.

1187. splendidulus (Lec.) 63-10 So. Cal.  
?

**Bothriopterus** Chd. 38-9

(? *Platysma* Bon. 09)

1188. pennsylvanicus (Lec.) 73-314 Pa. N.Y. Ind.  
89. latescans (Csy.) 13-139 Cal.  
90. oblongonotatus (Say) 34-425 L. Sup. Alas.  
orinomus (Kby.) nec Steph. Can.  
91. sericeus (Csy.) 13-140 Or.  
92. adstrictus (Esch.) 23-103 Alas. Cal. Sib.  
vitreus (Dej.) 28-320 [Eur.  
maeklini (Lec.) 63-9  
seriepunctatus (Mann.) 43-204 Cal.  
oblongiusculus (Mots.) 59-319 Cal.  
93. latebricola (Csy.) 13-141 Cal.  
94. luczoti (Dej.) 28-321 Lab. Nfld. L.  
Sup. Ind. N.E.  
alternatus (Mots.) 50-53 Alas. [Am.  
95. shastanus (Csy.) 13-141 Cal.  
96. saxatilis (Csy.) 13-142 Ariz. Id.  
97. laxicollis (Csy.) 13-142 Colo.  
98. oregonus (Lec.) 61-339 Or.  
colligatus (Walk.) 66-314 Vanc.  
obtusangulum (Mots.) 59-150 Alas.  
motschulskyi (Maek.) 59-340 Alas.  
sexpunctatus (Mann.) 53-127 Alas.

**Loxandrus** Lec. 52-250

(*Megalostylus* || Chd. 43-765)

1199. reflexus Lec. 78-376 Ala. Fla.  
1200. lateralis Csy. 18-381 Fla.  
01. saphyrinus (Chd.) 43-766 La.  
a. iris Mots. 65-242 Miss.  
02. calathinus Lec. 78-376 Fla.  
03. floridanus Lec. 78-373 Fla.  
04. cursitans Csy. 18-387 Fla.  
05. comptus Csy. 18-387 Fla.  
06. scitus Csy. 18-388 Fla.

**Loxandrus** Lec.

1207. contumax Csy. 18-388 Fla.  
08. fulgens Csy. 18-388 Miss.  
09. lucidulus (Dej.) 31-239 So. St.  
a. laticollis (Chd.) 43-766 La. Tex.  
b. brevicollis (Lec.) 48-338 Ala. La. Fla.  
c. minor (Chd.) 43-766 La. Ind. [Ind.  
d. nitidulus (Lec.) 48-239 La.  
e. lucens Chd. 68-61 Tex.  
f. parvulus Chd. 68-61 S.C.  
g. micans Chd. 68-62 La.  
10. flavilimbus Blatch. 18-418 Fla.  
11. limatus Csy. 18-382 D.C.  
12. collucens Csy. 18-382 Tex.  
13. ludovicianus Csy. 18-383 La.  
14. erraticus (Dej.) 31-240 Pa. O. Fla. Ala.  
15. inquietus Csy. 18-389 Ind. [La. Ind.  
16. velocipes Csy. 18-390 D.C.  
17. rectus (Say) 25-58 Ind. Fla.  
velox (Dej.) 31-245  
a. tæniatus Lec. 52-252 La.  
b. piciventris (Lec.) 48-237  
c. pusillus Lec. 52-252  
d. piceolus Chd. 68-62 Tex.  
e. crenulatus Chd. 68-63 Tex.  
f. proximus Chd. 68-64 Tex.  
g. rapidus Chd. 68-64 La.  
h. mandibularis Csy. 18-382 D.C.  
18. suturalis Csy. 18-384 Fla.  
19. cervicalis Csy. 18-385 Fla.  
20. mundus Csy. 18-385 Fla.  
21. accelerans Csy. 18-386 Tex.  
22. parallelus Csy. 18-386 La.  
23. agilis (Dej.) 31-244 Pa. Fla. Ind.  
24. parvicollis Csy. 18-389 Tex.  
25. celeris (Dej.) 31-246 Fla. Tex.  
celer † auct.  
26. vulneratus Csy. 18-390 Ind.  
27. concinnus Csy. 18-391 Fla.  
28. rectangulus Lec. 78-377 Fla.  
29. crenatus Lec. 52-352 Fla. Ala.  
30. brunneus Blatch. 18-417 Fla.  
?

**Stolonis** Mots. 65-230

1231. ulkei Horn 85-129 Tex.

## AMARINI

Leconte 55; Horn 92; Hayward 08; Casey 18

**Feronalius** Csy. 18-226

1232. pterostichinus (Hayw.) 08-20 N. Mex. Ariz.  
?putzeysi Bates 78-600 Mex.

**Curtonotus** Steph. 28-138

(*Cyrtotus* † auct.)

1233. thoracicus Hayw. 08-21 Wy. Colo.  
Ariz. Nev.  
34. blanchardi Hayw. 08-22 Neb. Cal.  
35. jacobinus Lec. 55-346 Wash. Cal.  
36. sponsor Csy. 18-228 No. Cal. [Ariz.  
37. concretus Csy. 18-228 Cal.  
38. stupidus Lec. 55-347 Cal.  
39. bowditchi Hayw. 08-24 Tex. Ariz.  
40. laticollis (Lec.) 48-368 Man. Ariz.  
adstrictus Putz. 66-238  
convexusculus † Kby. 37-35  
41. spadiceus Csy. 18-229 N. Mex.  
42. tartareus Csy. 18-229 Colo.?  
43. carinatus (Lec.) 48-368 Mont. Neb.

**Curtonotus** Steph.

1244. rufimanus (Kby.) 37-35 Nfld. Colo.  
brevilabris (Kby.) 37-35  
lacustris Lec. 55-346  
reflexus Putz. 66-241  
45. cylindricus Lec. 78-450 Lab. Nfld.  
46. hudsonicus Hayw. 08-29 Lab. [Colo.  
47. labradorensis Csy. 18-231 Lab.  
48. scrutatus Csy. 18-231 Lab.  
49. eschscholtzi (Chd.) 37-36 Alas. Sib.?  
50. melanogastrea Dej. 28-519 Alas. Sib.  
51. brunnipennis Dej. 31-800 Lab. Colo.  
Alas.  
borcalis (Chd.) 53-775 Sib. (Green-  
hyperborea † Lec. 55-256 [land?]  
obtusa Lec. 55-348  
52. rubripennis Csy. 18-230 Colo.  
53. deficiens Csy. 18-230 N.H.  
54. argutus Csy. 18-231 N.H.  
55. inanis Csy. 18-231 N.H.  
56. infaustus Lec. 55-347 Alas.

**Curtonotus** Steph.

- rufimanus || Mots. 42-176  
 carinatus ‡ (Mann.) 53-134  
 1257. catenulatus Csy. 18-230 Mont.  
 58. elongatus (Lec.) 50-207 Lab. Nfld.  
 ?hyperboreus Dej. 31-800 [L.Sup.  
 59. pennsylvanicus Hayw. 08-34 Can. N.Mex.  
 fulvipes || (Putz.) 66-235 [Ind.  
 — canadensis Putz. 66-256 Can.  
 — holmbergi Putz. 66-250 Alas.  
 — somnolenta Putz. 66-243 Alas.  
 — transversicollis Putz. 66-236 Alas.  
 — tristis Putz. 66-255 Can.  
 — angustata || Sahl. 87-51 Alas.  
 — fulva DeG. 74-62 Eur. (Nfld.?)

**Stereocerus** Kby. 37-34(?*Boreobia*)

1260. hæmatopus (Dej.) 28-769 Lab. Alas.  
 similis Kby. 37-34 H.B.T.

**Leironotus** Ganglb. 92-315

1261. arenarius (Lec.) 48-403 Mass. L.Sup.

**Leiocnemis** Zimm. 32-38

1262. avida (Say) 23-148 N.S. Colo. Ind.  
 confinis (Dej.) 28-510 [L.Sup.

**Bradytus** Steph. 28-136

## I.

1263. gravidus Csy. 18-236 Kan.  
 64. curtus Csy. 18-236 Mo.  
 65. exaratus Dej. 28-509 Mass. Neb.  
 furtivus (Say) 34-429 [Ind.  
 66. stygialis Csy. 18-237 Pa.

## II.

67. apricarius (Payk.) 90-125 Eur. Sib. Nfld.  
 N.Y. L.Sup.

## III.

68. nainensis Csy. 18-238 Lab.  
 69. glacialis Mann. 53-135 Sib. Alas. Lab.  
 70. putzeysi Horn 75-129 Nfld.

## IV.

71. schwarzi Hayw. 08-42 L.Sup. Lab.  
 septentrionalis || Lec. 48-358  
 72. latior Kby. 37-36 N.Y. Ill. L.  
 hyperborea ‡ Lec. 48-357 [Sup. Can. Ind.  
 lævistriatus Putz. 66-262  
 liber Lec. 55-349  
 oregonus Lec. 55-349  
 73. humphreysi Csy. 18-240 Ariz.  
 74. deceptus Csy. 18-241 N.Mex.  
 75. specularis Csy. 18-241 Ariz.  
 76. relictus Csy. 18-242 Colo.  
 77. obsolescens Csy. 18-242 Colo.  
 78. immundus Csy. 18-243 Cal.

**Percosia** Zimm. 32-18

1279. diffinis. Lec. 55-354 Neb. Colo.  
 80. extensa Csy. 18-244 Or.  
 81. obesa (Say) 23-37 L.Sup. N.Y.  
 patricia ‡ Lec. 55-354 [D.C. Ind.  
 82. latissima Csy. 18-245 No. Ill.  
 83. ventricosa Csy. 18-245 L.I.  
 84. fortis Lec. 80-164 Tex.

**Celia** Zimm. 32-18

## I.

1285. patruelis (Dej.) 31-793 Pa.  
 inæqualis Kby. 37-39

**Celia** Zimm.

- splendida Hald. 43-300  
 ?interstitialis (Dej.) 28-472 Eur. Sib.  
 interstitialis auct (=Dej.?) Lab. Alas.  
 Ariz. Ind.  
 1286. lauta Csy. 18-248 Ariz.  
 87. formalis Csy. 18-248 Ut.  
 88. farcta Lec. 55-353 N.Mex. Colo.  
 89. finitima Csy. 18-249 Cal. [Man.  
 90. subdepressa Csy. 18-249 Nev.  
 91. modulata Csy. 18-250 N.Mex.  
 92. shastanica Csy. 18-251 No. Cal.  
 93. semota Csy. 18-251 Or.  
 94. solita Csy. 18-252 Neb.  
 95. reducta Csy. 18-252 Colo.  
 96. ellipsis Csy. 18-252 Kan. Colo.  
 97. nexa Csy. 18-253 Cal.  
 98. erratica (Sturm) 25-55 Eur. Sib. Alas.  
 punctulata (Dej.) 28-472 [L.Sup. Vt.  
 lævipennis Kby. 37-40 [Lab. Nfld. Ind.

## II.

99. californica (Dej.) 28-474 Or. So. Cal.  
 1300. mexicana (Dej.) 31-792 Mex. Ariz.

## III.

01. rectangula Lec. 55-355 Or. No. Cal.

## IV.

02. laxicollis Csy. 18-258 L.I.  
 03. brumalis Csy. 18-259 Mich.  
 04. paganica Csy. 18-259 Mich.  
 05. terrestris Lec. 55-354 Colo. N.Mex.  
 06. defecta Csy. 18-260 N.Mex. Kan.  
 07. exposita Csy. 18-260 Or.  
 08. mimica Csy. 18-260 R.I.  
 09. remotestriata Dej. 28-473 Alas. Lab. Nfld.  
 remota Zimm. 32-27 [Alb. Man. (Sib.)  
 discors Kby. 37-40 [N.J. So. Cal. (?)  
 indistincta Mann. 53-45 [Ind.  
 reducens Mann. 53-46  
 10. fontinalis Csy. 18-261 N.Mex.  
 11. eldorensis Csy. 18-261 Colo.  
 12. docilis Csy. 18-262 Colo.  
 13. brunnescens Csy. 18-262 Colo.?  
 14. definita Csy. 18-263 No. Cal.  
 15. obligata Csy. 18-263 Ut.  
 16. pinorum Csy. 18-264 N.C.  
 17. nevadica Csy. 18-264 Nev.  
 18. sodalis Csy. 18-265 Staten Is.  
 19. chalcea Dej. 28-476 Mass. N.C.  
 Colo. ? Ind.  
 20. robustula Horn 92-32 Cal.  
 21. corvina Csy. 18-266 N.C.  
 22. amplipennis Csy. 18-266 Ariz.  
 23. gibba Lec. 55-355 L.Sup.  
 24. schotti Csy. 18-266 L.I.  
 25. sphærops Csy. 18-267 L.I.  
 26. mcrula Csy. 18-267 Colo.?  
 27. femoralis Horn 92-30 Colo.  
 28. lugubris Csy. 18-268 Nev.  
 29. nūpera Horn 92-33 N.Mex. Colo.  
 30. greenei Csy. 18-269 N.Mex.  
 31. scolopax Csy. 18-269 Colo.  
 32. apachensis Csy. 84-3 Ariz.  
 33. patula Csy. 18-270 Ariz.  
 34. brunnea (Gyll.) 08-143 Eur. Alas.  
 35. amplicollis Mann. 53-139 [Colo. B.C.?

## V.

36. imitatrix Horn 92-34 Cal. Vanc.  
 37. rotundiceps Csy. 18-272 Cal.  
 38. jacinto Csy. 18-272 So. Cal.



**Celia** Zimm.

1339. aurata (Dej.) 28-475 B.C.-So. Cal.  
 40. farallonica Csy. 18-273 Cal.  
 41. proba Csy. 18-274 Cal.  
 42. clementina Csy. 18-274 Cal. Is.  
 43. hilaris Csy. 18-275 Cal.  
 44. evanida Csy. 18-275 Or.  
 45. angustior Csy. 18-275 No. Cal.

## VI.

46. sinuosa Csy. 18-277 B.C.  
 47. elusa Csy. 18-277 Colo.?  
 48. nupta Csy. 18-278 No. N.Y.  
 49. thoracica Csy. 18-278 Colo.  
 50. subænea Lec. 55-355 L. Sup. Nfld.  
 51. hospes Csy. 18-279 Ind. Colo.?  
 52. lucina Csy. 18-279 Colo.  
 53. proditor Csy. 18-280 Del.  
 54. lyncea Csy. 18-280 N.J.  
 55. nugator Csy. 18-281 L.I.  
 56. curtipiceps Csy. 18-281 Ind.? N.J.  
 57. haldemani Csy. 18-281 Va.  
 58. liquida Csy. 18-282 Kan.  
 59. pimalis Csy. 18-283 L.I.  
 60. shoemakeri Csy. 18-283 Ariz.  
 61. pallida Csy. 84-5 L.I.  
 62. politissima Csy. 18-284 L.I.  
 63. texana Putz. 66-196 Tex.  
 64. harpalina Lec. 55-355 Ut. N. Mex.  
     ?acutangula Putz. 66-194  
 65. shantzi Csy. 18-285 Colo.  
 66. lubrica Csy. 18-286 N.J.  
 67. nigripennis Csy. 18-286 L.I.  
 68. volatilis Csy. 18-287 Va.  
 69. vegrandis Csy. 18-287 Wis.  
 70. fluminea Csy. 18-287 Miss.  
 71. crenulata Csy. 18-288 Minn.  
 72. musculus (Say) 23-35 N.Y. N.C.  
     Ala. Fla.? L.  
     Sup. Ariz. Ind.  
     N.Y. Rocky  
     Va. [Mts.  
     N.C.  
     L.I.  
     Va.  
     N.C.  
     Tex. Colo. M.  
     N.J. [St. Ind.

contempta Lec. 48-266

73. virginica Csy. 18-289  
 74. limbalis Csy. 18-289  
 75. paulula Csy. 18-289  
 76. scintilla Csy. 18-290  
 77. brevitarsis Csy. 18-290  
 78. rubrica Hald. 43-301  
     ferruginea Csy. 84-5

**Amara** Bon. 09

(? *Lirus* Zimm. 32-38)

## I.

1379. perspecta Csy. 18-294 Cal. Is.  
 80. insignis Dej. 31-796 So. Cal. Alas.  
     compacta Mots. 50-59  
     cærulea Mots. 59-153  
 81. tarsalis Csy. 18-295 So. Cal.  
 82. insularis Horn 75-128 Cal. Is.  
 83. guadalupensis Csy. 18-295 Cal. Is.

## II.

84. arcuata Csy. 18-296 L.I.  
 85. impuncticollis Say 23-36 U.S. Can. Fla.  
     trivialis † Dej. 28-464 [Alas. L. Sup.  
     anthracina Hald. 43-300 [So. Cal. Ind.  
 86. difficilis Lec. 48-362 Miss.  
 87. acuminata Csy. 18-297 N. Mex.

**Amara** Bon.

1388. mystica Csy. 18-298 So. Cal.  
 89. fallax Lec. 48-362 Ont. N.C.  
     ovalis Sturm Cat. 43-28 N.H. Ind. L.  
     [Sup. Ia. Colo.  
     Cal. Id. N.  
     B.C. [Mex.  
     L. Sup.  
     Colo.  
     Minn.  
     Ut.  
     Cal.  
     So. Cal.  
     R.I. L.I.  
     Colo.  
     Can. N.C. Ill.  
     Ia. Ind. Mo.  
     N.C. [Colo.  
     Mich.  
     Mich.  
     Neb.  
     Colo.  
     Cal. Ut.  
     Cal.  
     Id.  
     Pa.  
     Colo.  
     Conn.  
     N. Mex.  
     Colo.  
     L. Sup.  
     Colo. (Pa.?)  
     N. Mex. [Ind.  
     Wy.  
     Colo.  
     N. Mex.  
     Colo. Kan.  
     N. Mex.  
     Colo. N. Mex.  
     L. Sup.  
     Mass.-Ala.  
     L. Sup.  
     L. Sup.  
     B.C.  
     Cal.  
     H.B.T. Ind.?  
     Alas. H.B.T.  
     [Sib?

1400. cupreolata Putz. 66-180

01. rustica Csy. 18-303  
 02. marquetteensis Csy. 18-304  
 03. æneopolita Csy. 18-304  
 04. nebraskana Csy. 18-304  
 05. oblongula Csy. 18-305  
 06. conflata Lec. 55-352  
 07. diffidens Csy. 18-306  
 08. leydeni Csy. 18-306  
 09. enervis Csy. 18-306  
 10. turbata Csy. 18-307  
 11. devincta Csy. 18-307  
 12. wingatei Csy. 18-308  
 13. oviformis Csy. 18-308  
 14. convexa Lec. 48-363  
 15. polita Lec. 48-364  
 16. piceola Csy. 18-309  
 17. impedita Csy. 18-310  
 18. ebenina Csy. 18-310  
 19. castalia Csy. 18-311  
 20. confusa Lec. 48-361  
 21. subpunctata Lec. 55-352  
 22. æneolucens Csy. 18-302  
 23. crassispina Lec. 55-352  
 24. parviceps Hayw. 08-54  
 25. cœlebs Hayw. 08-58  
 26. brunnipes Mots. 59-154  
 27. protensa Putz. 66-183  
 28. littoralis Mann. 43-207  
     plebeja var. Dej. 28-467

## III.

29. basillaris (Say) 23-35 N.H. Va. Ind.  
     lucidula (Dej.) 28-477  
     marylandica (Csy.) 84-4 Md.

**Triæna** Lec. 48-365

1430. pallipes Kby. 37-39 L. Sup. R.I.  
     ?depressa Lec. 48-365 [D.C. Va.  
 31. shermani Csy. 18-315 L. Sup.  
 32. longula Lec. 55-350 B.C.-So. Cal.  
 33. angustata (Say) 23-36 Can. Kan.  
     indistincta Hald. 43-300 N.Y. Ind.  
 34. flebilis Csy. 18-316 L. Sup.  
 35. scitula (Zimm.) 32-32 Cal. Ut.  
 36. uinta Csy. 18-317 Ut.  
 37. afoveolata Hayw. 08-47 Cal. Vanc.  
 38. vapida Csy. 18-317 Ut.  
 39. profuga Csy. 18-318 Ariz.  
 40. belfragei Horn 92-19 Tex.



## LICININI

Leconte 48; Horn 80; Casey 13; Leconte 80

**Rembus** Latreille 22-85  
(*Diplocheila* Brullé 35)

1441. major Lec. 48-418      Can. Mich. La.  
Fla. Ind.  
a. expansa Csy. 13-148      Ia.  
b. oblonga Csy. 13-148      Ia.  
42. laticollis Lec. 48-419      La. Fla. Ala.  
N.Y.-Neb.Ind.  
a. cliens Csy. 97-348      Kan.  
b. planulata Csy. 13-149      Tex.  
c. assimilis Lec. 44-50      N.Y. Ga.  
43. impressicollis Dej. 31-682      Pa. N.Y.-  
Wash. Ind.  
a. striatopunctatus Lec. 44-50  
44. obtusa Lec. 48-420      Colo. Ind.  
45. nupera Csy. 97-348      Fla.  
46. alternans Csy. 97-347      L.Sup. Ind.

**Dicælus** Bonelli 13-446  
(*Liodicælus* Csy. 13-154)

1447. lævipennis Lec. 48-321      Colo. Ut.  
48. evanescens Csy. 13-154      Ariz.  
(*Dicælus* s.s.)  
49. costatus Lec. 48-389      Tex.  
50. dilatatus Say 23-68      N.Y.-Tex.Ind.  
a. dejeani Dej. 31-687  
quadratum || Laf. 51-277  
51. planicollis Lec. 48-327      Ga.  
52. splendidus Say 23-68      Neb.-Tex.  
decoloratus Lec. 48-325  
53. speciosus Csy. 13-152      N.Mex.  
54. purpuratus Bon. 13-447      N.Y.-Fla.-Mo.  
chalybæus Dej. 31-683      [La. Ind.  
confusus Lec. 48-324  
iricolor Lec. 48-326  
violaceus Bon. 13-447  
cyaneus Dej. 31-686  
55. quadratus Lec. 48-322      Fla. Ala.  
lecontei Laf. 51-277  
56. carinatus Dej. 31-689      Ga. Fla. Ala.  
57. alternans Dej. 26-387      Ga. Fla.

**Dicælus** Bonelli.

1458. sculptilis Say 23-68      Md.-Mo. Ind.  
59. ocellatus Blatch. 12-77      Ark.  
60. furvus Dej. 26-388      Mo.-Fla.?Ind.  
61. carolinensis Csy. 13-150      N.C.  
62. subtropicus Csy. 13-151      Fla.  
63. crenatus Lec. 48-389      La. Tex. Ala.  
Fla.  
64. ovalis Lec. 48-327      Pa.-Tex.-Ind.  
65. elongatus Bon. 13-447      Conn. N.Y.-  
obscurus Lec. 48-429      [Tex. Fla. Can.  
opacus † Lec. 48-429 (nec Ferté)      [Ind.  
a. simplex Dej. 26-389      N. Am.  
b. debiliceps Csy. 13-151      Pa.  
66. ambiguus Laf. 41-48      N.Y.-Ill. Ind.  
a. opacus Laf. 41-43      Ala.  
b. reflexus Lec. 48-330      Pa.  
c. turbulentus Lec. 63-12      Mo.  
67. teter Bon. 13-449      N.Y. Va. O.  
a. ovipennis Csy. 13-152      N.C. [Ind.  
68. politus Dej. 26-391      Can. N.Y.-  
leonardi Harris 28-      [Fla.? Ind.  
a. angustus Csy. 13-152      Tenn.

**Licinus** Latreille 04-322

1469. silphoides Fab. 01-190      Eur. Mass.†  
**Badister** Clairville 06-90  
1470. notatus Hald. 43-299      N.Y.-La. Ind.  
terminalis Lec. 44-51  
71. pulchellus Lec. 48-418      Ga.-Ind.  
72. bipustulatus Fab. 01-203      Eur. Vanc.  
73. maculatus Lec. 53-387      Pa. Ind.  
74. elegans Lec. 80-165      N.J. Tex. Fla.  
75. obtusus Lec. 78-594      L.Sup.  
76. ferrugineus Dej. 31-690      Alas.-Cal.  
a. submarinus Mots. 59-158  
77. anthracinus Lec. 59-83      Or. So. Cal.  
78. flavipes Lec. 53-388      N.Y. La. Fla.  
79. micans Lec. 43-52      L.Sup. Mass.-  
80. laticeps Blatch. 10-118      Ind. [Fla. Ind.  
81. reflexus Lec. 80-166      Ind. N.Y.  
Mich. La. Fla.

## PLATYNINI

Leconte 79; Schaupp 83; Casey 13; Horn 92

**Calathus** Bonelli 09

1482. gregarius Dej. 28-76      N.Y. Fla. Tex.  
distinguendus Lec. 43-49      [L.Sup. Ind.  
a. sonoricus Csy. 13-156      Ariz.  
b. alutaceus Csy. 13-157      Mo.  
83. ingratus Dej. 28-77      Nfld. Lab. Can.  
confusus Lec. 54-36      L.Sup. [Alas.  
incommodus Mann. 53-139      Alas.  
a. appalachius Csy. 13-157      N.C. N.J.  
b. labradorinus Csy. 13-158      Lab.  
84. opaculus Lec. 54-37      Ind. M. S. W.  
St.  
a. obesulus Csy. 13-157      Kan. Tex. Miss.  
b. coloradensis Csy. 13-157      Colo.  
c. reductus Csy. 13-158      Colo.  
d. acomanus Csy. 13-158      N.Mex.  
85. ruficollis Dej. 28-78      So. Cal. Cal.  
a. behrensi Mann. 43-195      Cal.  
b. quadricollis Lec. 54-37      Cal.  
c. obscurus Lec. 54-37      So. Cal. Cal.

**Calathus** Bonelli.

- d. longulus Csy. 13-158      Cal.  
1486. guadalupensis Csy. 97-349      Guad. Is.

**Pristodactyla** Dej. 28-82

1487. ambigens Bates 91-251      Ariz.  
88. advena (Lec.) 48-217      Lab. N.H.-  
Alas.  
mollis || (Esch.) 23-102      L.Sup. Alas.  
dulcis (Mann.) 53-141      Alas.  
a. lenis (Mann.) 53-140      Alas.  
89. impunctata (Say) 23-45      Nfld. N.Y. M.  
St. Ind.  
americana Dej. 28-83      L.Sup.  
a. convexa Csy. 13-160      No. N.Y.  
b. corvina Lec. 48-217      Pa. Ga.  
90. dubia (Lec.) 54-38      Colo. N.Mex.  
91. arizonica Csy. 13-160      Ariz.  
92. zuniana Csy. 13-161      N.Mex.

† Introduced.

**Pristonychus** Dej. 28-43

1493. *complanatus* Dej. 28-58 † Eur. N. Am.  
L. Cal. So. Cal.  
94. *terricola* Hbst. Arch. 140† Eur. N. Am.  
N. S.

**Rhadine** Lec. 48-218

1495. *larvalis* Lec. 48-219 (Cal?) Mo.  
96. *nivalis* Horn 81-74 N. Mex.  
97. *umbra* Csy. 13-163 N. Mex.  
98. *sublustis* Csy. 13-164 Ariz.  
99. *dissecta* Lec. 63-8 Ariz. Colo.  
Tex. N. Mex.  
1500. *constricta* Csy. 13-165 Ariz.  
01. *jejuna* Lec. 78-449 Ariz. Cal. Nev.  
02. *gracilentia* Csy. 13-166 Cal. [Or.  
03. *caudata* Lec. 63-7 D.C. Ohio Ind.  
04. *myrmecodes* Horn 92-42 Ariz.  
05. *longipes* Csy. 13-167 N. Mex.  
06. *anthicoides* Csy. 13-167 N. Mex.

**Platynus** Bonelli 09.(*Platynus* s. s.)

1507. *hypolithos* (Say) 23-59 N.Y. Ohio Ind.  
*erythropus* Dej. 28-97  
08. *angustatus* Dej. 28-98 N. Y.-Pa.  
09. *gracilentus* Beut. 03-517 N. C.  
10. *agilis* Lec. 63-6 So. Cal.  
*fragilis* || Lec. 54-41

(*Anchomenus* Bon. 09)

11. *stygicus* Lec. 54-42 Alas. Nfld.  
*maurus* || Mots. 45-339 [Lab.  
a. *octofoveolatus* Mackl. 57-338  
*angusticollis* † Kby. 37-23  
12. *ovipennis* Mann. 43-196 Cal. Or.  
*rotundipennis* Mots. 45-340  
13. *decens* Say 23-53 Can.-S. C.  
*gagates* (Dej.) 28-107 [L. Sup. Ind.  
*coracinus* (Lec.) 48-220  
*decentis* (Say) 23-53  
14. *sinuatus* (Dej.) 28-108 N.Y.-L. Sup.  
Nfld. Lab. Ind.  
L. Sup.-Or.  
a. *depressus* (Hald.) 43-299 N.Y.  
15. *trifoveolatus* Beut. 03-517 N. C.  
16. *opaculus* Lec. 63-8 M. & W. St. Ind.  
17. *tenuicollis* (Lec.) 48-222 L. Sup.  
18. *cincticollis* (Say) 23-52 M. & S. St. Fla.  
*?maculifrons* (Say) 23-146 [Ind.  
*blandus* Germ. 24-12  
*corvinus* (Dej.) 28-109  
*marginalis* (Hald.) 43-299  
*deplanatus* (Chd.) 43-763  
19. *reflexus* Lec. 79-55 M. St. Can.  
*marginatus* || (Lec.) 50-205 [L. Sup. Ind.  
20. *paramarginatus* Ham. 93-306 Pa. Ind.

\*

21. *brunneomarginatus* Mann. 43-196  
So. Cal. Ariz.  
*marginatus* Mén. 44-56  
*tenebricosus* G. & H. n. m. 68-377  
*rugiceps* Mann. 43-196  
*cinctellus* Lec. 54-43  
a. *bicoloratus* G. & H. n. m. 68-368  
*bicolor* || Lec. 54-43 Cal.  
22. *extensicollis* (Say) 23-54 Can.-Ariz.  
*proximus* (Harris) 28-132 [L. Sup. Ind.  
a. *obscuratus* (Chd.) 43-763 La.  
*elongatulus* (Dej.) 28-112

**Platynus** Bonelli

- b. *viridis* (Lec.) 48-222 Ind.  
c. *cyanescens* Mots. 59-159 Cal.  
d. *simplex* Lec. 54-46 So. Cal.  
1523. *decorus* (Say) 23-53 Ind. La. Can.  
Fla. N.Y.-Ariz.  
[L. Sup.  
*obscurus* (Lec.) 48-223  
*thoracicus* Dej. 28-114  
a. *testaceonotus* Hausen 91-162 Que.  
24. *californicus* (Dej.) 28-127 So. Cal.  
25. *floridanus* Lec. 78-374 Fla.  
26. *texanus* Lec. 78-374 Tex. Ariz.  
27. *bicolor* Dej. 28-126 Sib. Alas. Cal.  
*marginellus* Lec. 60-315 Cal.  
28. *piceolus* Lec. 79-52 H. B. T.-Or.  
29. *anchomenoides* (Rand.) 38-2 B. C.-Pa.  
30. *ferruginosus* Dej. 28-128 Or. Cal.  
31. *erasus* Lec. 79-52 Alas. Vanc.  
32. *sulcipennis* Horn 81-75 Fla.  
33. *aeneolus* Lec. 54-45 Or.  
34. *quadratus* Lec. 54-50 Or. Cal.  
35. *funnebris* Lec. 54-45 So. Cal.  
*opacus* Mots. 59-160  
a. *micans* || Mén. 44-57 Cal.  
36. *clemens* Lec. 63-8 N. S.  
(*Agonum* Bon. 09)  
37. *errans* (Say) 23-147 L. Sup.-  
*erythropus* (Kby.) 37-28 [N. Mex. Ind.  
a. *subcordatus* Lec. 50-250 Ind.  
38. *moerens* (Dej.) 28-152 Atl. St. Ind.  
39. *tenuis* Lec. 54-48 Mich. Nfld.  
Can.-N.J. Ind.  
S. St. Ind.  
40. *collaris* (Say) 34-421  
41. *mutatus* G. & H. n. m.  
*atratus* || Lec. 50-205 Can.-Pa. Ind.  
*laevis* Lec. 54-48  
*molestus* Lec. 66-347  
42. *melanarius* (Dej.) 28-152 D.C.-Me.-Or.  
*?scutellaris* Say 23-146 [Ind. L. Sup.  
*maurus* (Hald.) 43-300  
43. *propinquus* G. & H. n. m. N. S.-Mass.  
*piceus* || (Lec.) 48-226  
44. *fraterculus* Lec. 69-373 Vanc.  
45. *languidus* Horn 92-42 Ariz.  
46. *affinis* (Kby.) 37-27 Can.-N.J. Ind.  
*harrisi* (Lec.) 48-225  
47. *carbo* Lec. 50-205 H. B. T. L. Sup.  
48. *corvus* Lec. 60-319 Ut. Or.-Can.  
49. *frater* Lec. 54-49 So. Cal. [Ind.  
*?brevicollis* || Dej. 28-159  
50. *arizonensis* Horn 92-42 Ariz.  
51. *metallesens* Lec. 54-48 H. B. T. L. Sup.  
52. *deceptivus* Lec. 79-53 Lab. N. S.  
L. Sup.  
U. S. L. Sup.  
53. *cupripennis* (Say) 23-50 [Ind.  
*formosus* Sturm Cat. 26-89  
*nitidulus* Dej. 28-143  
a. *subsericeus* Lec. 63-8 Kan.  
54. *hardyi* Chd. mss. Lec. 79-53 Nfld.  
55. *excavatus* (Dej.) 28-169 M. & W. St. Ind.  
56. *ferreus* (Hald.) 43-299 M. & W. St. Ind.  
*ocreatus* (Hald.) 43-299  
57. *basalis* (Lec.) 48-227 N.J.-Kan. Ind.  
*vagans* Lec. 54-52  
58. *nutans* (Say) 23-52 N.J.-Ind. Kan.  
*femoratus* (Dej.) 28-145 [Ariz.

† Introduced.



**Platynus** Bon.

- a. *striatopunctatus* (Dej.) 28-167  
     *crenulatus* Lec. 54-53 [Fla. Ala. Ind.  
     *decipiens* (Lec.) 48-229
1559. *albicus* Dej. 28-158 L.Sup.-Ga.  
     60. *picticornis* Newm. 44-414 Fla. [Ind.  
     61. *maculicollis* (Dej.) 28-175 Kan. So.Cal.  
     62. *variatus* Lec. 49-178 So.Cal.  
     *limbatus* Mots. 45-21  
     63. *sulcatus* Dej. 28-131 Cal.  
     64. *striatus* Dej. 28-132 Cal.  
     65. *perforatus* Lec. 63-9 H.B.T. Alas.  
     *?impressus* Panz. 97-17 Sib. Eur.  
     v. *splendidulus* Mots. 45-138  
     66. *octopunctatus* (Fab.) 98-55 M.&W.St.Fla.  
     Can. Ind.  
     67. *placidus* (Say) 23-43 Me.-Ill. Ind.  
     *morosus* (Dej.) 28-145  
     68. *fossiger* (Dej.) 28-160 So.Cal.-Or.  
     *famelicus* Mén. 44-58  
     *?brevicollis* Dej. 28-159  
     *robustus* Mots. 59-158 Alas.  
     69. *fallianus* Leng n.m. 18-203  
     *deplanatus* || (Mén.) 44-57 So.Cal.  
     70. *cupreus* Dej. 31-735 H.B.T.-L.Sup.  
     *chalcus* (Lec.) 48-224  
     *protractus* Lec. 54-55  
     *seminitidus* Kby. 37-26  
     71. *crassicollis* Lec. 60-319 H.B.T.  
     72. *vicinus* G. & H. n.m. Can. L.Sup.  
     *consimilis* || Lec. 54-57  
     73. *bogemanni* (Gyll.) 08-697 Can. Or. D.C.  
     *obsoletus* (Say) 23-57 [Ind. Eur. &  
     *luctuosus* (Dej.) 28-172 [Sib. Nfld. Alas.  
     *placidus* ‡ (Lec.) 48-227 [L.Sup.  
     *strigicollis* (Mann.) 52-294  
     74. *quadripunctatus* (Dej.) 52-102  
     Can. L.Sup.  
     *octocolus* Mann. 53-144 [Lab. Eur. Sib.  
     *stigmus* Lec. 54-58 [Alas.  
     75. *bembidioides* (Kby.) 37-15 L.Sup. Wash.  
     *cicatricosus* Mots. 64-233 [Alas.  
     76. *albipes* Fab. 94-33 Eur. Me.
- \*
77. *æruginosus* (Dej.) 28-168 Atl. St. Fla.  
     L.Sup. Ind.  
     78. *limbatus* (Say) 23-49 S.C.-Fla. La.  
     *palliatu* (Dej.) 28-174 Tex. [Ind.  
     79. *crenistriatus* Lec. 63-9 W. St. Ind.  
     80. *rubripes* (Lec. 68-244) M. St. Kan.  
     Ind.  
     81. *punctiformis* (Say) 23-58 L.Sup. Ga.  
     Can. Ariz. Ind.  
     *rufipes* (Dej.) 28-173 [Tex.-Fla. La.  
     *foveicollis* (Chd.) 43-764  
     *rotundicollis* Sturm Cat. 43-23 Neb.  
     *saltuum* Sturm Cat. 26-89 Pa.

**Platynus** Bon.

- \*\*
1582. *sordens* Kby. 37-25 Lab. L.Sup.  
     83. *pivicornis* Lec. 60-319 N.W. [B.C.  
     *?similis* Kby. 37-27 Alb. Mich.  
     *?fragilis* Mann. 53-142 Alas.  
     84. *ruficornis* Lec. 50-205 L.Sup. Alas.  
     *picipennis* var. Kby. 37-25 Ind. (Ariz.?)  
     *gratiosus* Mann. 53-142 Alas.  
     85. *retractus* (Lec.) 48-228 Mass.-L.Sup.  
     Nfld.  
     86. *gemellus* Lec. 79-54 Vanc. Ind.?  
     87. *picipennis* (Kby.) 37-25 D.C.-Kan.  
     *lenum* (Lec.) 48-223 [L.Sup. Ind.  
     *elongatulus* Hald. 43-300  
     *dilutipennis* Mots. 64-322  
     88. *lutulentus* Lec. 54-34 N.Y.-H.B.T.  
     Ind.  
     89. *nigriceps* (Lec.) 48-259 L.Sup.-B.C.  
     90. *horni* Hausen 90-235 Que.  
     90½. *cyanopsis* Bates 82-94 Mex. Ariz.  
     — *exaratus* Mann. 53-143 Alas.  
     — *interstitialis* Mots. 64-318 Alas.  
     — *acuticollis* Mots. 64-319 N. Am.  
     — *iridipennis* Mots. 64-321 La.  
     — *planipennis* Mots. 50-68 Alas.
- \*\*\*

91. *quadrimaculatus* Horn 85-130 Ky. Ind.  
     (*Anchus* Lec. 54-38)  
     92. *obscurus* Hbst. 84-139 Eur. Sib. Can.-  
     *pusillus* Lec. 54-39 Ill. Ind. [N.Y.  
     *americanus* Lec. 48-256 Vt.  
     (*Colpodes* MacL. 25-17)  
     93. *longiceps* Schfr. 10-394 Ariz.

**Olisthopus** Dejean 28-176

1594. *pictus* Csy. 13-169 Wis.  
     95. *parmatu* (Say) 23-49 R.I.-D.C. Fla.  
     Can. Mich.  
     *cinctus* Say 34-424 Ohio-Ind.  
     a. *iterans* Csy. 13-170 Ind.  
     96. *micans* Lec. 48-230 Ga. La.  
     97. *innuens* Csy. 13-170 R.I.  
     98. *filicornis* Csy. 13-171 R.I.  
     99. *pusio* Csy. 13-171 La.  
     1600. *brevicornis* Csy. 13-171 Ill.

**Perigona** Castelnau 35-151

- (*Trechicus* Lec. 53-386)  
     (*Nestra* Mots. 51-506)  
     (*Spathinus* Nietn. 58-428)  
     1601. *nigriceps* (Dej.) 31-44 So. Cal. Africa  
     Asia  
     02. *pallipennis* (Lec.) 53-386 S.C. N.C. Ind.  
     *umbripennis* (Lec.) 53-386 N.J. D.C. Fla.

## ANCHONODERINI

*Lachnophori***Lachnophorus** Dej. 31-28

1603. *elegantulus* Mann. 43-215 Tex. Cal. So.  
     Cal. Ariz.  
     *mediosignatus* Mén. 44-62 Cal.

**Euphorticus** Horn 81-144

1604. *pubescens* (Dej.) 31-30 Ala. N.C. Fla.  
     L. Cal. Ga.  
     05. *occidentalis* Horn 91-38 So. Cal.

*Anchonoderi***Anchonoderus** Reiche 43-38

1606. *quadrinotatus* Horn 78-53 Tex.  
     *?myops* Reiche 43-39  
     07. *unicolor* Schfr. 10-395 Tex.  
     08. *apicalis* Horn 94-360 L. Cal.

*Atrani***Atranus** Leconte 48-438

1609. *pubescens* (Dej.) 28-122 N.Y.-D.C.  
     *obconicus* (Hald.) 43-229 [Ind.  
     a. *pallescent* Csy. 13-172 Pa.



## CTENODACTYLINI

- Leptotrachelus** Latreille 29-371  
 1610. *dorsalis* (Fab.) 01-229 N.Y. Fla. Kan.  
     a. *pallidulus* Mots. 64-218 La. [Ind.]
- Comstockia** Van Dyke 18-179  
 1611. *subterranea* Van D. 18-182 Tex.

## ODACANTHINI

- Casnonia** Latreille 22-77  
 1612. *pennsylvanica* L. 58-620 Mass.-Cal.  
     *suturalis* Chd. 72-405 Fla. Can. Mich. [Ind.]
- Casnonia** Latreille  
 1613. *ludoviciana* Sallé 49-297 Pa.-La. Ala.  
     14. *lengi* Schfr. 10-395 Ariz. [Fla.]

## DRIPTINI

- Galerita** Fabricius 01-214  
 1615. *atripes* Lec. 58-59 Kan.-Tex.  
     16. *janus* Fab. 01-136 Can. N.Y.  
         *americana* || Fab. 75-242 Kan.-Fla.  
         *cordicollis* Chd. 43-699 Ind. La.  
         *cyanipennis* Dej. 31-293  
     17. *caseyi* Leng 18-203  
         *thoracica* || Csy. 97-350 Fla.  
     18. *lecontei* Dej. 31-294 Fla. S.C.-Cal.  
         *californica* Mann. 43-183 La. Ariz.  
     19. *infirmata* Csy. 97-350 Ariz.  
     20. *bicolor* Drury 70-94 N.Y.-Ga. Ind.  
         *americana* Dej. 25-187  
         *borealis* Castln. 35-35  
         *dubia* Lec. 53-48  
         *longicollis* Chd. 43-700  
         a. *obliqua* Csy. 97-350 Fla.  
         b. *intermedia* Csy. 97-351 Iowa.  
     21. *mexicana* Chd. 72-3 Mex.  
         *decipiens* Horn 85-131 Ariz.
- Zuphium** Latreille 06-198  
 1622. *longicollis* Lec. 79-62 Cal.-Tex.  
     23. *americanum* Dej. 31-298 La.  
     24. *mexicanum* Chd. 62-314 Ariz.-Mex.  
     25. *magnum* Schfr. 10-396 Tex.
- Pseudaptinus** Cast. 35-50  
     (*Diaphorus* || Dejean 31-300)  
 1626. *lecontei* Dej. 31-301 Ga. Fla. La.  
     27. *tenuicollis* Lec. 49-173 Tex.-Cal.  
         *tenuicornis* Chd. 72-6
- Thalpius** Leconte 51-174  
     (*Enaphorus* Lec. 51-174)  
 1628. *pygmaeus* Dej. 26-460 Fla. La. Tex.  
     29. *horni* Chd. 72-3 Tex.-So. Cal.  
         Ariz.  
     30. *dorsalis* Brullé 34-181 D.C. La. Fla.  
     31. *rufulus* Lec. 49-173 So. Cal.

## AGRINI

- Agra** Fabricius 01-224  
 1632. *oblongopunctata* Chev. 36-183 Tex.

## EGINI

- Ega** Laporte 35-93  
 1633. *sallei* Chev. 39-308 La. Fla. Ala.
- Ega** Laporte  
 1634. *laetula* Lec. 49-173 Ariz. So. Cal.

## LEBIINI

- Tetragonoderus** Dejean, 29-485  
 1635. *intersectus* Germ. 24-28 Ga. Fla. Ala.  
     *lecontei* Dej. 29-499 [Ky.]  
     *distigma* Mots. 64-222 Tenn.  
     36. *fasciatus* Hald. 43-298 Mich. N.Y.  
         *undulatus* Lec. 63-6 So. Cal. Ariz.  
     37. *latipennis* Lec. 74-44 Cal. [Ind.]  
     38. *pallidus* Horn 68-130 Tex.  
         So. Cal. Ariz.
- Nemotarsus** Leconte 53-377  
 1639. *elegans* Lec. 53-378 Ill.-Md. Va.  
     Ala. Fla.
- Lebia** Latreille 04-247  
     \*  
 1640. *punctifera* Lec. 84-2 Ariz.  
     (*Loxopeza* Chd. 70-117)  
     41. *grandis* Hentz 30-58 (Lab.?) N.Y.  
         S. & W. St. Ind.  
         Ariz.
- Lebia** Latreille  
 1642. *atriventris* Say 23-13 Ind. E.M. & W. St.  
     43. *tricolor* Say 23-11 La. Fla. Can.  
     44. *testacea* Lec. 80-164 Tex. [ & M. St.  
     45. *majuscula* Chd. 70-141 Tex.-S. Cal.  
     46. *atriceps* Lec. 63-5 Ariz. Kan. Neb.  
     47. *chloroptera* Chd. 35-437 S. Am. (Fla.?)  
         (*Lebia* s.s.)  
     48. *bitæniata* Chev. 34-37 Mex.  
         a. *callizona* Bates 78-607 Tex.  
     49. *pulchella* Dej. 26-457 Fla. Can.-Tex.  
     50. *divisa* Lec. 50-203 (*Dictya*) L. Sup.  
         *concinna* || Lec. 48-192  
     51. *vivida* (Bates) 84-298 Ariz.  
     52. *cyanipennis* Dej. 31-385 So. Cal.  
     53. *ruficollis* Lec. 49-178 So. Cal.  
     54. *marginicollis* Dej. 26-271 N. & S. Am. Fla.  
         a. *cupripennis* Chd. 50-75 [La.]  
         b. *affinis* Dej. 31-387  
         *limbicollis* Mots. 59-145

**Lebia** Latr.

1655. *viridis* Say 23-14 Can. Ariz. N.  
Am. Ind. La.  
Fla. So. Cal.  
Ariz.  
L. Sup.  
Ala.-Tex. Fla.
- a. *subopaca* Schfr. 10-397  
b. *moesta* Lec. 50-203
56. *cyanea* Dej. 31-386  
  *smaragdula* Dej. 31-387  
  *cyanellus* (Mots.) 46-42
57. *rhodopus* Sz. 78-354 Fla. Ind.?
58. *pumila* Dej. 31-388 Can. Me.-Kan.  
Ind. Fla. La.
- floricola* Harris 28-  
  *maculicornis* Lec. 48-195
59. *pleuritica* Lec. 48-193 Can.-Tex.
60. *rufopleura* Schfr. 10-398 Tex.
61. *arizonica* Schfr. 10-398 Ariz.
62. *lecta* Horn 85-131 Fla.
63. *bumeliæ* Schfr. 10-399 Tex.
64. *viridipennis* Dej. 26-452 Can.-Tex. Fla.  
  *borea* Hentz 30-256 Ind. [La.
65. *montana* Horn 85-131 Mont.
66. *lobulata* Lec. 63-5 Ind. Ohio, Va.  
La. Fla.
67. *ornata* Say 23-13 L. Sup. U.S.  
Fla. La. Ind.
- axillaris* Dej. 31-372  
  *marginella* Dej. 31-373  
  *apicalis* Hald. 42-298  
  *brunnea* Hald. 42-298
68. *calliope* Bates 84-231 Tex.
69. *collaris* Dej. 26-456 M. & S. St. Fla.
- nigripennis* Dej. 31-373
70. *scapula* Horn 85-132 Ariz.
71. *analisis* Dej. 25-265 Ind. N. & S. St.  
[Fla. La.
- a. *appendiculata* Chd. 70-212
72. *fuscata* Dej. 25-270 Can. Fla. Mo.
- frigida* Chd. 70-242 Mass. [Ind.
73. *rhodope* Bates 83-231 Tex. Mex.
- (*Dianchomena* Chd. 71-45)
74. *abdominalis* Chd. 43-104 Fla. Ga. Mo.  
Tex. Ind.
75. *scapularis* Dej. 31-377 Fla. M. St.-  
Kan. Dak. Ind.  
L. Sup.
- ? *solca* Hentz 30-255 Mass.
- a. *flavovittata* Chev. 34-161 ? Mex.
76. *miranda* Horn 72-139 Ariz.
- (*Aphelogenia* Chd. 72-405)
77. *furcata* Lec. 48-193 Can.-Kan. So.  
Cal. Fla. La.
78. *debiliceps* Csy. 13-192 Ind.
79. *depicta* Horn 85-133 Man. Mont.  
N. Mex. Colo.
80. *sonomæ* Csy. 13-191 Cal.
81. *vittata* Fab. 01-202 Ind. Pa.-Tex.  
Fla. La.
- a. *spraguei* Horn 72-139 Tex.
- b. *conjungens* Lec. 48-194 N. Y.
82. *pectita* Horn 85-133 Pa.-Tex.
83. *histrionica* Bates 83-240 Ariz.
84. *amnicola* Csy. 13-192 Tex.
85. *guttula* Lec. 49-178 Ariz. Ut.-So.  
Cal.
86. *bivittata* Fab. 98-59 Ariz. W. & S.  
St. Ind.
- quadrivittata* Dej. 25-268
87. *bilineata* Mots. 59-145 So. Cal.
- *sublimbata* Mots. 64-226 N. Am.

**Coptodera** Dejcan 25-273

1688. *ærata* Dej. 25-277 M. W. & S. St.  
  *viridipennis* Gory 33-194 [Ind. Fla.
- ruficornis* Chd. 69-179
89. *unicolor* Chev. 34-40 Mex.-Ariz.
- obscura* Casteln 35-51

**Phlæoxena** Chaudoir 69-145

1690. *signata* (Dej.) 25-275 S. C.-La. Fla.
- collaris* (Lec.) 48-197
- a. *nigripennis* Leng 15-587 Fla.

**Dromius** Bonelli 09

1691. *piceus* Dej. 31-353 Ind. Man.  
N. Y. Ala.  
L. Sup.
- a. *quadrifollis* Lec. 59-82 So. Cal.
- (? *Demetrias* Bon. 09)
92. *atriceps* Lec. 80-163 La. Ga.

**Apristus** Chaudoir 46-62

1693. *cordicollis* (Lec.) 48-190 N. Y. Ind.
94. *subsulcatus* (Dej.) 26-451 Can.-N. Y.
- latens* (Lec.) 48-191 Ariz? [Ind.
- fuscipennis* Mots. 64-233
95. *laticollis* Lec. 49-176 So. Cal.
- subcyaneus* Horn 94-360 L. Cal.

**Blechnus** Motschulsky 47-219

- (*Bomius* Lec. ex parte)
1696. *glabratus* (Duft.) 25-248 Eur. & Am.
- nigrinus* (Mann.) 43-184 Ind. Ariz. So.
- angustus* (Lec.) 48-191 [Cal.
- linearis* (Lec.) 49-197 L. Sup.
- ? *minutulus* Goeze 77-665
97. *lucidus* (Lec.) 49-177 Colo. So. Cal.
98. *pusio* Lec. 63-6 La. Ind.

**Metabletus** Sch.-Goeb. 46-38

1699. *americanus* (Dej.) 31-361 L. Sup. Ind.
- borealis* Zimm. 69-243 [Nfld. Ariz.

**Axinopalpus** Lec. 49-174

1700. *biplagiatus* (Dej.) 25-243 Bor. Am. Ind.
- californicus* Mots. 54-336 [So. Cal. Ariz.
- fusciceps* Lec. 49-175 [Ala.
- nigricaps* Lec. 80-164 Tex.-So. Cal.

**Tecnophilus** Chd. 77-239

- (*Philotecnus* Lec. nec Mann. 37-42)
1702. *croccicollis* (Mén.) 44-51 Ut.-So. Cal.
- chloridipennis* (Mots.) 50-39 [Ariz.
- a. *ruficollis* (Lec.) 51-176 So. Cal.
- b. *nigricollis* (Lec.) 51-176 Cal.
- c. *pilatei* Chd. 77-239 Tex.
- glabripennis* Chd. 77-242

**Euproctus** Sol. 49-131

1703. *trivittatus* (Lec.) 78-373 Fla.
04. *texanus* Wickh. 97-109 Tex. L. Cal.

**Calleida** Dej. 25-220

- (*Callida* † auct.)
1705. *circumcincta* Bates 83-212 Tex.
06. *platynoides* Horn 81-55 Ut. Cal. Ariz.
07. *viridipennis* (Say) 23-9 Fla. Ala.
- marginata* Dej. 25-222

**Calleida** Dej.

1708. *striata* Csy. 13-177 Fla.  
 09. *decora* (Fab.) 01-181 Gulf. St. Fla.  
*eordicollis* Putz. 45-373 Ia. Mex.  
*eyanoptera* Lee. 58-59  
 10. *punctata* Lee. 48-189 N.Y.-Kan.Ind.  
 11. *fulgida* Dej. 31-330 Ga.-Tex. Fla.  
 12. *purpurea* (Say) 23-10 N.Y.-Neb.  
*smaragdina* Dej. 25-225 [L.Sup.  
*cyanipennis* Chd. 44-467  
 13. *punctulata* Chd. 48-86 L.Cal. Tex.  
*rugicollis* Horn 94-361

**Philophuga** Mots. 59-140

- (*Glycia* † auct. nee Chaud. 42-805)  
 (*Philopheuga* † auct.)  
 1714. *amœna* (Lee.) 48-188 S.W. St. Ariz.  
*horni* Chd. 77-245  
 15. *canora* Csy. 13-174 Tex.  
 16. *viridicollis* (Lee.) 48-188 Tex. (Fla.?)  
*?subeordata* Chd. 77-246 Mex.  
 17. *cærulea* Csy. 13-174 Ariz.  
 18. *viridis* (Dej.) 31-325 Cal.  
*eyanea* (Mots.) 50-36  
 19. *lauta* Csy. 13-175 Cal.  
 20. *puella* Csy. 13-176 Colo.  
 21. *castanea* Horn 81-54 So. Cal.

**Plochionus** Dej. 25-250

1722. *pallens* (Fab.) 75-244 Eur. & Pa. †  
*bonfilsi* Dej. 25-251 Fla. W.I.  
*valens* Lee. 63-5  
 23. *timidus* Hald. 43-298 Can. N.J.-  
 Ala.-L. Cal.  
 Fla. Ind.  
 24. *amandus* Newn. 40-32 Fla.  
 a. *vittatus* Lee. 44-48 Fla. & Ala.  
 b. *discoideus* Sp. 80-86 Fla. & Ga.  
*dorsalis* Horn 82-146

**Pinacodera** Schaum 60-294

1725. *limbata* (Dej.) 31-320 Ct.-Fla.-Tex.  
*laevigata* Mots. 64-297 Ala. [Ind.  
 26. *platicollis* (Say) 23-14 N.J.-Fla.-Tex.  
*complanata* (Dej.) 26-448 Ind. [La.  
*russata* (Newn.) 40-31 Fla.  
 a. *fuseata* (Dej.) 31-321 Fla. Gulf St.  
 27. *punctigera* (Lee.) 49-178 So. Cal. Tex.  
 28. *virescens* Dury 11-275 N.C. [Ariz.  
 29. *semisulcata* Horn 80-40 L. Cal.  
 30. *suleipennis* Horn 80-40 L. Cal.

**Cymindis** Latr. 06-190

1731. *laticollis* Say 34-413 Tex. & W. St.  
*villigera* Chd. 73-96 [Colo. Ariz.  
 32. *evaneseens* Csy. 13-179 Ut.  
 33. *arizonensis* Sehfr. 10-400 Ariz.

**Cymindis** Latr.

1734. *zuniana* Csy. 13-181 Ariz. N. Mex.  
 35. *aeomana* Csy. 13-181 N. Mex.  
 36. *unicolor* Kby. 37-14 Lab. L. Sup.  
*hudsonica* Lee. 63-6  
 37. *californica* Horn 95-231 L. Cal.  
 38. *eribricollis* Dej. 31-311 N.Y. & N.W.  
*reflexa* Lee. 50-203 So. Cal. Nfld.  
 a. *abstrusa* Lee. 59-82 L. Sup.  
 39. *rupimontis* Csy. 13-183 Wash.  
 40. *marginata* Kby. 37-13 Colo.  
 41. *alticola* Csy. 13-183 B. C.  
 42. *planipennis* Lee. 63-6 N. H.  
 43. *blanda* Csy. 13-184 Colo. N. Mex.  
 44. *brevipennis* Zimm. 69-243 Ariz. (Fla.?)  
 45. *bipartita* Csy. 13-185 Ariz.  
 46. *pilosa* Say 23-10 Kan.  
*pubescens* Dej. 25-215 Wy.  
 47. *borealis* Lee. 63-7 R. I.-Pa. Ind.  
 48. *neglecta* Hald. 43-298 N. S. N. Y.  
 49. *eribrata* Lee. 59-2 N. Y. Pa.  
 50. *elegans* Lee. 48-186 Neb. Kan.  
 51. *venator* Dej. 31-311 So. St. Fla.  
 52. *americana* Dej. 26-446 Pa. [Ala.  
 N. J. Ind.

**Apenes** Lee. 52-174

1753. *lucidula* (Dej.) 31-320 N. Y.  
 54. *angustata* Sz. 78-354 Fla.  
 55. *opaca* Lee. (49)-175 Ala.-Ga.-Fla.  
 56. *sinuata* (Say) 23-8 Fla.-N. Y. La.  
 a. *?pustulata* (Dej.) 31-316 Tex. [Ind.  
 57. *nebulosa* Lee. 79-364 Cal. Ariz.  
 58. *limbata* Horn 95-232 L. Cal.

**Eucærus** Lee. 53-386

1759. *varicornis* Lec. 53-387 Fla.-La. Ala.

**Pentagonica** Schm.-Goeb. 46-47

- (*Rhombodera* || Reiche 42-313)  
 (*Didetus* Lee. 53-377)  
 1760. *flavipes* (Lee.) 53-377 N. J. Ill.-Fla.-  
 Ariz. Ind.  
*pallipes* Lee. 83-377 L. Sup.  
 a. *bicolor* Lee. 63-7 W. St.  
 61. *pieticornis* Bates 83-217 Panama, Ariz.

**Onota** Chd. 72-165

1762. *floridana* Horn 81-159 Fla.

**Inna** Putz. 63-71

1763. *texana* Sehfr. 10-400 Tex.

**Micragra** Chd. 73-63

1764. *ænea* (Putz.) 45-374 Tex. C. & So.  
 Am.

## HELLUONINI

**Helluomorpha** Lap. 40-47

1765. *nigripennis* (Dej.) 31-408 Ga.  
 66. *ferruginea* Lee. 53-373 Fla. Tex. Ariz.  
 67. *languida* Csy. 13-190 Tex.  
 68. *elairvillei* (Dej.) 31-406 Ala. Ga. Fla.  
 69. *præusta* (Dej.) 25-289 Ga. Fla.  
 70. *bicolor* Harris 28-117 Mass.-Kan.  
*laticornis* Dej. 31-407 [Ind.  
*pubescens* Klug 34-77

**Helluomorpha** Lap.

1771. *texana* Lee. 53-374 Tex. Ind.  
 72. *latitarsis* Csy. 13-189 Ariz.  
 73. *papago* Csy. 13-190 Ariz.



## HARPALINÆ UNISETOSÆ

## BRACHININI

Lcconte 62; Chaudoir 68

**Brachinus** Web. 01-22

- (*Brachynus* † *auct.*)  
 1774. *americanus* Lec. 44-48 Fla. S. & W.  
 75. *janthinipennis* (Dej.) 31-412 M. St. [St.  
 76. *viridipennis* Dej. 31-426 S. St.  
     *viridis* Lec. 44-49 Ga.  
     *lecontei* Lec. 44-49 Ga.  
     a. *perplexus* Dej. 31-426 S. St.  
 77. *pulchellus* Blatch. 10-161 Ind. (Fla.?)  
 78. *minutus* Harris 28-117 M. St.  
     *pumilio* Lec. 48-208 N.Y.  
 79. *medius* Harris 28-117 N.Eng. Ind.  
 80. *quadripennis* Dej. 25-316 S. & W. St. Fla.  
     *neglectus* Lec. 44-49  
 81. *tenuicollis* Lec. 44-49 N Am.  
 82. *conformis* Dej. 31-427 M.S. & W. St.  
     *patruelis* Lec. 44-50 N.Y.  
 83. *cyanipennis* Say 23-143 Fla. Ind.  
 84. *gracilis* Blatch. 10-160 Ind.  
 85. *lateralis* Dej. 31-424 Fla. S. St.-  
     Ariz. So. Cal.  
 86. *alternans* Dej. 25-316 S. St. Fla.  
 87. *deyrollii* Laf. 41-42 Tex. S. St.  
     *strenuus* Lec. 44-48  
     a. *tormentarius* Lec. 48-200 S. & W. St.  
 88. *ballistarius* Lec. 48-199 N.Y. M. W.  
     St. N. Mex.  
 89. *fumans* (Fab.) 81-307 Atl. St. Fla.

**Brachinus** Web.

- cyanopterus* Lec. 44-49 N.Y.  
*sufflans* Lec. 48-204 N.Y.  
*librator* Dej. 31-425  
 a. *similis* Lec. 48-199 N.Y.  
 1790. *cordicollis* Dej. 26-466 M.W. S. St.  
     *velox* Lec. 48-206 N.Y. [Fla.  
     *?cephalotes* Dej. 25-317  
 91. *rugipennis* Chd. 68-297 N. Am.  
 92. *puberulus* Chd. 68-294 Fla.  
 93. *phæocerus* Chd. 68-300 N. Am.  
 94. *stygiornis* Say 34-415 Kan. (Fla.?)  
 95. *kansanus* Lec. 62-524 Kan. Ariz.  
 96. *fidelis* Lec. 62-524 N. Mex.-So.  
     Cal. Ariz.  
 97. *tschernikhi* Mann. 43-184 So. Cal. Ariz.  
     *puncticollis* || Lec. Mss. 58-28 Ariz.  
 98. *carinulatus* Mots. 59-139 Ariz.-So. Cal.  
     *glabripennis* Lec. Mss. 58-28  
 99. *costipennis* Mots. 59-138 Ariz.-So. Cal.  
     *lecontei* Mots. 59-139 Cal.  
     — *affinis* Lec. 48-204 Ind.  
     — *ovipennis* Lec. 62-525 M. & S. St.  
     — *rejectus* Lec. 62-525 M. & W. St.  
     Kan.  
 1800. *cinctipennis* Chev. 34-163 Mex. N. Mex.  
     Ariz.

## BROSCINI

**Miscodera** Esch. 30-63

1801. *arctica* Payk. 00-85 No. Eur. & Am.  
     Me. I. Sup.  
     *americana* Mann. 53-134 Alas.

**Miscodera** Esch.

- hardyi* Chd. 61-525 Nfld.  
 1802. *insignis* Mann. 52-296 Alas.

## ZACOTINI

**Zacotus** 69-373

1803. *matthewsi* Lec. 69-373 Vanc.-No. Cal.

## CHLÆNIINI

Horn 76; Casey 14

**Chlænus** Bon. 09

1804. *chrysopleurus* Chd. 56-276 Mex. Ariz.  
     *validus* Chev. †  
 05. *pimalicus* Csy. 14-38 So. Ariz.  
 06. *tomentosus* (Say) 23-60 E. of Rocky  
     Mts. Ind. Fla.  
     *luctuosa* (Germ.) 24-10 [La.  
     a. *amplus* Lec. 56-29 Ga.  
 07. *zunianus* Csy. 14-38 N. Mex.  
 08. *purpuricollis* Rand. 38-35 N. Eng.-Kan.  
 09. *alternatus* Horn 71-327 H.B.T. [Ind.  
 10. *niger* Rand. 38-34 Nfld.-La. Ind.  
     *exaratus* Laf. 51-249  
     a. *ludovicianus* Leng. 15-592 La. Fla.  
 11. *interruptus* Horn 76-259 Or.  
 12. *harpalinus* Esch. 29-27 So. Cal.  
 13. *insperatus* Horn 85-134 Ariz.  
 14. *impunctifrons* Say 23-64 Can.-Tex. Fla.  
     La. Ind.  
 15. *perplexus* Dej. 31-655 Gulf St.  
     *circumcinctus* Say 34-418 Fla.  
     *virens* Chd. 43-753  
     *pœyi* Chev. 63-194 Cuba.

**Chlænus** Bon.

1816. *texanus* Horn 76-261 Tex.  
 17. *pennsylvanicus* Say 23-66 Can.-Cal. Ind.  
     *vicinus* Dej. 31-659 Ariz.  
     *pubescens* Harris 28-  
     *aureliensis* Laf. 51-248 La. (Fla.?)  
     *fulgiceps* Newn. 38-490  
 18. *floridanus* Horn 76-263 Fla.  
 19. *brevilabris* Lec. 48-337 Ill.-N. Mex.  
     *amœnus* Chd. 56-282 Ind.  
     *consimilis* Lec. 48-337  
 20. *texanellus* Csy. 14-37 Tex.  
 21. *tricolor* Dej. 26-334 Can.-So. Cal.  
     *vigilans* Say 34-419 [Fla. Ind.  
     *quadricollis* Kby. 37-22  
     *chalybeipennis* Chev. 34-72  
     *atripennis* Lec. 48-336  
 22. *nemoralis* Say 23-65 Mich. Can.-  
     Tex. Fla. Ind.  
     *longicollis* Chd. 43-752  
     a. *oxygonus* Chd. 43-753  
 23. *glaucus* Lec. 56-28 So. Cal.  
     *sericinitens* Chd. 56-284

**Chlœnius** Bon.

1824. *simillinus* Chd. 56-283 Cal.  
*vicinus* † Mann. 43-193  
 25. *nebraskensis* Lee. 56-28 Dak.-Tex.  
 Nev. Ariz.  
 So. Cal.  
 26. *variabilipes* Eseh. 29-27  
*asperulus* Mén. 44-55  
*obscurus* Lec. 49-179  
 27. *vafer* Lee. 52-66 Tex.  
 28. *flaccidus* Horn 76-265 Tex.  
 29. *obsoletus* Lee. 49-180 So. Cal. Ariz.  
*?rogator* Mots. 59-157  
 \*
30. *solitarius* Say 23-65 Can.-L. Cal.  
*chlorophanus* Dej. 31-662 Ind.  
 31. *leueoscelis* Chev. 34-71 Mex. & U.S.  
 Ariz. Ind.  
*monachus* Lee. 49-180 So. Cal.  
 a. *eordicollis* Kby. 37-22 Can. L. Sup.  
 32. *sanantonialis* Csy. 14-36 Tex.  
 33. *gilensis* Csy. 14-35 Ariz.  
 34. *prasinus* Dej. 26-345 Ind. M. St.-  
 Colo. Fla.
- smaragdinus* Chd. 43-755  
 35. *eumatilis* Lee. 31-179 So. Cal.  
 a. *sparsellus* Csy. 14-37 Ariz.  
 36. *augustus* Newn. 38-490 Ga. Fla.?  
 37. *viduus* Horn 71-325 Mo.  
 38. *æstivus* Say 23-62 Ind. M. St.  
 Fla.
- cobaltinus* Dej. 26-331  
*eongener* Lee. 44-51  
 39. *sierrieola* Csy. 14-36 Cal.  
 40. *platyderus* Chd. 56-280 Ill.-N. Mex.  
 41. *diffinis* Chd. 56-279 M. St. Ind.  
*latieollis* † Lee. 56-25  
 42. *latieollis* Say 23-64 N. Y.-Ariz.  
 Fla.  
*rufipes* Dej. 26-331 Ind.  
*brevicollis* Lee. 56-332  
*brachyderus* Chd. 56-279  
 43. *orbis* Horn 71-326 Tex.

**Chlœnius** Bon.

1844. *cursor* Chev. 34-168 Mex. So. Cal.  
*sparsus* Lee. 63-12  
 45. *chaudoiri* Horn 76-270 Mex.-Fla.  
 46. *serieus* Forst. 71-58 U.S. & Can.  
 Ind.  
 a. *perviridis* Lee. 48-434 Rocky Mts.  
 b. *regularis* Lec. 49-179 So. Cal. Ariz.  
 c. *apacheanus* Csy. 14-34 Ariz. So. Cal.  
 d. *uteanus* Csy. 14-35 Ut.  
 47. *fuseicornis* Dej. 31-147 Ill.-La. Fla. La.  
 48. *erythropus* Germ. 24-11 N. J.-Fla. La.  
 49. *viridifrons* Eseh. 29-27 So. Cal. [Ind.  
 50. *herbaceus* Chev. 34-188 Ga.-Mex. Fla.  
*patruelis* Lee. 44-135  
 51. *nimrod* Horn 96-372 S. Dak.  
 52. *ruficauda* Chd. 56-194 So. Cal.-Mex.  
*apicalis* || Lee. 49-179 [Ariz.  
*posticus* Lee. 58-390  
*dimidiatus* Mots. 58-157

\*\*

53. *maxillosus* Horn 76-260 Fla.

**Anomoglossus** Chd. 56-192

1854. *delectans* Csy. 14-39 Cent. N. Y.  
 55. *gravis* Csy. 14-40 Miss.  
 56. *emarginatus* (Say) 23-63 R. I.-Fla.-Ind.  
 Ariz. L. Sup.  
 57. *amœnus* (Dej.) 31-648 Ga.  
 58. *pusillus* (Say) 23-63 N. Y.-Ia. Ind.  
*elegantulus* (Dej.) 26-367 [Fla. La. L. Sup.  
*feisthameli* (Laf.) 51-248  
 59. *nanulus* Csy. 14-41 La.  
 — *cœruleicollis* Chd. 76-78 Mex. Ariz.?

**Brachylobus** Chd. 76-287

1860. *lithophilus* (Say) 23-62 N. Y.-Tex. Ala.  
 L. Sup. Ind.  
*viridanus* (Dej.) 31-660  
*smaragdiger* (Mots.) 64-338  
 a. *indigaeus* Csy. 14-41 Tex.  
 61. *caurinus* Horn 85-134 Cal.

## OODINI

Horn 70, 91

**Lachnocrepis** Lee. 53-391

1862. *parallelus* (Say) 34-420 N. Y. Ga. Mo.  
 Can.-Fla. La.  
 Ind.

**Anatrichis** Lee. 53-391

1863. *minuta* (Dej.) 31-677 Fla. D. C.-Tex.  
 La. Ind.  
*(Oodinus* Mots. 63-353)  
*(Oodiellus* Chd. 82-322)  
 64. *pieea* (Mots.) 63-353 So. Tex.-Braz.  
 [Fla.  
*mexicanus* Chd. 82-323  
 65. *oblonga* Horn 91-37 So. Tex.  
*?longula* Bates 82-48 Guat.

**Stenocrepis** Chd. 57-45

1866. *chalcas* Bates 84-47 So. Tex.  
*chaleochrous* Chd. 82-487

**Oodes** Bon. 09

1867. *amaroides* Dej. 31-674 Fla. N. Y.-Tex.  
 La. Ind.  
 68. *americanus* Dej. 26-377 N. Y.-Ga.-Fla.  
 La. Ind.

**Oodes** Bon.

1869. *fluvialis* Lee. 63-13 Ill. Ind.  
*(Stenous* Chd. 57-39)  
 70. *cupreus* Chd. 43-761 Pa. Fla. La.  
 Mo. Ind.  
*leueodaetylus* Laf. 51-273 La.  
 71. *duodecimstriatus* Chev. 34-173 Fla.-Ala.-La.  
*lecontei* Chd. 57-41  
 72. *quatuordecimstriatus* † Lee. Ariz. So. Cal.  
*(Crossocrepis* Chd. 57-48)  
 73. *quatuordecimstriatus* Chd. 43-759 La. Tex. Ind.  
 [Fla. N. Mex.  
*pieipes* Lec. 44-52  
*stenoecephalus* Lap. 54-271  
 74. *sehaumi* Chd. 82-346 La.  
 75. *mexicanus* Chev. 34-102 Tex.  
*texanus* Lee. 63-13

**Evolenes** Lee. 53-392

1876. *exarata* (Dej.) 31-678 Fla. Ga. Ala.  
 77. *impressa* Lec. 53-392 La.

## HARPALINI

Casey 1914

*Dapti***Geopinus** Lec. 48-271

1878. *incrassatus* (Dej.) 29-21 N.Y. Ind.  
L.Sup.  
a. *fluviaticus* Csy. 14-52 Iowa Kan.

**Piosoma** Lec. 48-374

1879. *setosa* Lec. 48-375 Colo. N.Mex.  
Ariz.  
80. *brevipennis* Csy. 14-54 ?  
81. *alternata* Lec. 63-13 Ark.

**Nothopus** Lec. 52-67

- (*Euryderus* Lec. 48-151)  
1882. *valens* Csy. 14-55 Ks. Ia. L.Sup.  
? *grossus* (Say) 34-430 [Ind. Cal.  
83. *obtusatus* Csy. 14-56 Colo.  
84. *zabroides* Lec. 48-152 Tex. Colo.  
a. *privatus* Csy. 14-56 Tex.  
85. *arizonicus* Csy. 14-56 Ariz.

**Cratacanthus** Dej. 29-40

1886. *dubius* (Beauv.) 05-8 N.J.-Ariz. Ind.  
*pennsylvanicus* Dej. 29-41 D.C.  
*bisectus* Csy. 84-74 Pa.  
*litoreus* Csy. 84-75 N.J.  
87. *texanus* Csy. 84-75 Tex. Ia. Ariz.  
88. *subovalis* Csy. 14-59 Ga. Fla.  
89. *cephalotes* Csy. 14-59 Mo.

**Glanodes** Csy. 14-60

1890. *obliquus* (Horn) 79-140 N.Mex. Ariz.  
91. *puncticeps* Csy. 14-61 Ariz.  
92. *corpulentus* Csy. 14-62 Ut.  
93. *regressus* Csy. 14-62 Ariz.

*Harpali***Opadius** Csy. 14-66

1894. *cordatus* (Lec.) 53-381 So. Ariz.

**Pharalus** Csy. 14-68

1895. *testaceus* (Lec.) 53-385 Ind. Ill. Ia. Mo.

**Harpalus** Latr. 04-325

- (*Megapangus* Csy. 14-71)  
1896. *caliginosus* (Fab.) 98-57 Ind. Me.-Cal.  
[Tex. Fla. Ariz.]

## (Pleuralidus Csy. (14-72)

97. *erraticus* Say 23-27 R.I.-Ind.  
98. *caudalis* Csy. 14-73 N.Y.-Neb.  
99. *collucens* Csy. 14-73 N.Mex.  
1900. *acomanus* Csy. 14-73 N.Mex.  
01. *retractus* Lec. 63-13 N.Mex. Ariz.  
*impiger* || Lec. 54-79  
02. *rectangulus* Csy. 14-74 Ariz.

## (Harpalophonous Gangl. 92-342)

03. *viridiæncus* Beauv. 05-108 R.I.-L.Sup.  
*viridis* Say 23-31 [Nfld. Fla.  
*assimilis* Dej. 29-272  
*canonicus* Csy. 84-11 R.I.  
*convictor* Csy. 84-11 L.I.  
*ænescens* Csy. 84-11 R.I. L.I.  
*lustralis* Csy. 84-11 N.Y.

**Harpalus** Latr.

## (Harpalomerus Csy. 14-76)

1904. *amputatus* Say 34-432 Ut.-Ariz.  
*stephensi* Kby. 37-45  
*rotundicollis* Kby. 37-44  
05. *transversus* Csy. 14-77 N.Mex.  
06. *papagonalis* Csy. 14-77 Ariz.

## (Harpalus s. str.)

\*

07. *vagans* Lec. 65-102 Ind. Mo.  
08. *actiosus* Csy. 14-79 Ia.-Mo.  
09. *haldemani* Csy. 14-79 Pa. L.I.  
10. *erythropus* Dej. 29-258 N.H.-Mo. Ind.  
Man.  
11. *rufopiceus* Csy. 14-80 Mo.  
12. *deludens* Csy. 14-80 Iowa.  
13. *effetus* Csy. 14-81 L.I.  
14. *fenisex* Csy. 14-81 Mo.  
15. *compar* Lec. 48-295 R.I.-Ind. Fla.  
*bicolor* Dej. nec Fab. [L.Sup. Ind.  
*pennsylvanicus* Say nec DeG.  
16. *lobasis* Chd. 68-170 Pac. Coast.  
17. *pubitarsis* Csy. 14-82 Ill.  
18. *nactus* Csy. 14-82 Ariz.  
19. *texanus* Csy. 14-83 Tex.  
20. *longicollis* Lec. 48-296 Pa. Ind.  
*?longior* Kby. 37-43  
21. *dolosus* Csy. 14-84 R.I. N.Y.  
22. *faunus* Say 23-28 R.I.-Mo. Ind.  
*badius* Dej. 29-254  
23. *thoracinus* Csy. 14-85 ?  
24. *protractus* Csy. 14-85 Mo.  
25. *pennsylvanicus* DeG. 52-108 R.I. Fla. Colo.  
[Can. La. Ariz.  
*bicolor* Fab. 75-241 [Ind.  
*faunus* Dej. nec Say  
a. *mormonicus* Csy. 14-86 Ut.  
26. *convivus* Lec. 65-102 N.Y. N.C.  
27. *abstrusus* Csy. 14-87 R.I.  
28. *pimalicus* Csy. 14-87 Ariz.  
29. *egregius* Csy. 14-88 Colo.  
*alienus* || Lec. 79-508

\*\*

30. *patronus* Csy. 14-89 La.  
31. *solutus* Csy. 14-90 N.H.  
32. *providens* Csy. 14-90 N.J.  
33. *viduus* Lec. 65-103 Ill. Ind.  
34. *laticeps* Lec. 50-208 Wis. L.Sup.  
35. *montanus* Lec. 65-102 Colo. [Ind.  
36. *rufimanus* Lec. 48-302 L.Sup. Nfld.  
37. *megacephalus* Lec. 48-297 L.Sup. Lab.  
38. *recisus* Csy. 14-93 Wis. N.J.  
39. *crenatellus* Csy. 14-94 Cal.  
40. *oregonensis* Csy. 14-94 Or.  
41. *cautus* Dej. 29-367 Cal.-Or.  
*advæna* Lec. 49-185 Cal.  
*deflexus* Walk. 66-316 Vanc.  
42. *persolus* Csy. 14-96 Or.  
43. *macilentus* Csy. 14-96 Colo.  
44. *pleuriticus* Kby. 37-41 Vt.-L.Sup.  
45. *futilis* Csy. 14-97 Cal. [Nfld.  
46. *intactus* Csy. 14-97 Cal.  
47. *carbonatus* Lec. 60-319 H.B.T.



**Harpalus** Latr.

1948. *fugitans* Csy. 14-98 B.C.  
 49. *foveicollis* Lec. 48-299 Me.-N.B.  
 50. *recensus* Csy. 14-99 Lab. Mich.  
 51. *æquabilis* Csy. 14-100 Colo.  
 52. *laseivus* Csy. 14-100 B.C.  
 53. *pumilio* Csy. 14-100 Wis.  
 54. *perspievus* Csy. 14-101 Colo.  
 55. *lividulus* Csy. 14-101 Wis. N.Mex.  
 56. *herbivagus* Say 23-29 Ind. L.I. Va.  
 Neb. Mich.  
 Ariz. Nfld.Fla.  
 Can. Kan.
- mutabilis Hald. 43-301  
 a. *proximus* Lec. 48-298 Lab. L.Sup.  
 Nfld.  
 N.Mex. Colo.  
 Kan.
57. *fallax* Lec. 59-2 Alas. L.Sup.  
 L.I. N.J. Me.  
 Cal.
58. *innocuus* Lec. 63-17 Cal.-Alas.  
 59. *placidus* Csy. 84-10 Wy.  
 60. *mansuetus* Csy. 14-104 Colo.  
 61. *somnulentus* Dej. 29-333 Cal.  
 62. *pellax* Csy. 14-105 Nev.  
 63. *seclusus* Csy. 14-106 Or.  
 64. *opicus* Csy. 14-106 Ill.  
 65. *peritus* Csy. 14-107 Pa. L.Sup.  
 66. *celox* Csy. 14-107 & 18-414 N.B.  
 67. *gemmeus* Csy. 14-108 N.Mex.  
 68. *opacipennis* (Hald.) 43-301 Va. O. Mo. La.  
 69. *plenalis* Csy. 14-108 Fla. Ind.  
 70. *latebricola* Csy. 14-109 Colo.  
 71. *nitidulus* Chd. 43-788 Wis.  
 72. *paululus* Csy. 14-110 Colo.  
 73. *lacustris* Csy. 14-111 N.Mex. Ariz.  
 74. *coloradensis* Csy. 14-111 Ariz. [La.  
 75. *ellipsis* Lec. 48-300 Colo.  
 76. *vespertinus* Csy. 84-10 Alas. Lab. Nfld.  
 77. *mobilis* Csy. 14-112 L.Sup.  
 78. *fulvilabris* Mann. 53-123 Colo.
- *ventralis* Lec. 48-299 \*\*\*
79. *funestus* Lec. 48-302 Colo. Ariz.  
 80. *stupidus* Lec. 59-3 N.Mex.  
 81. *lewisi* Lec. 65-103 Mich. Can.  
 82. *æsupus* Csy. 14-117 N.Y.  
 83. *lecontei* Csy. 14-117 N.Mex. Colo.  
 84. *fraternus* Lec. 65-103 [Ariz.  
*occidentalis* Chd. 68-168 Ut.-B.C. Ariz.
85. *uteanus* Csy. 14-118 Ut.  
 86. *clandestinus* Lec. 78-450 Colo.  
 87. *furtivus* Lec. 65-103 Colo. N.Mex.  
 88. *probatus* Csy. 14-119 N.Mex.  
 89. *nitescans* Csy. 14-119 N.Mex.  
 90. *clientus* Csy. 14-120 N.Mex.  
 91. *malacus* Csy. 14-121 N.Mex.  
 92. *illectus* Csy. 14-121 Ut.  
 93. *nugax* Csy. 14-122 N.Mex.  
 94. *albionieus* Mann. 43-213 Cal.  
 95. *vacivus* Csy. 14-123 N.Mex.  
 96. *lustrans* Csy. 84-64 Wy.-Ariz. Kan.  
*lucidus* || Lec. 65-104
97. *socors* Csy. 14-124 Ariz.  
 98. *desertus* Lec. 59-3 N.Mex. Colo.  
*ochropus* Kby. 37-42 Can.?  
 99. *curticornis* Csy. 14-124 Colo.  
 2000. *gravis* Lec. 58-60 Tex.  
 01. *oppositus* Csy. 14-125 Cal.

**Harpalus** Latr.

2002. *oblongus* Csy. 14-126 Ut.  
 03. *varicornis* Lec. 48-301 L.Sup.  
 04. *sejunctus* Csy. 14-126 Colo.  
 05. *renoicus* Csy. 14-127 Nev. Ut.  
 06. *obesulus* Lec. 52-185 Or.  
*?basilaris* Kby. 37-41 H.B.T. L.Sup.  
 — *oodioides* Chd. 68-168 H.B.T.
- \*\*\*\*
- (?*Ophonus* Steph. 28-67)  
 07. *spadiceus* (Dej.) 29-336 Ind. Ga.  
 08. *carolinæ* Schfr. 10-402 N.C.  
 — *comis* Hald. 43-301 Pa.
- *curtatus* Mann. 53-124 Alas.  
 (*Pteropalus* Csy. 14-131)
09. *vulpeculus* Say 23-30 Ind. Mo.  
*nigripennis* Dej. 29-260  
 10. *dichrous* Dej. 29-258 N.Y.-Mo. Ind.  
*iricolor* Say 34-432  
 11. *fluvialis* Csy. 14-133 Mo.  
 12. *iripennis* Schfr. 10-402 So. Tex.
- Selenophori*  
**Selenophorus** Dej. 29-80  
 (*Hemisopalus* Csy. 14-135)
2013. *opalinus* Lec. 63-13 Mich. N.J.-  
 Ind. N.C. L.  
 Sup. Fla.  
 So. Tex.  
 Fla.  
 Pa. Fla.  
 Ga.  
 Fla.  
 Ind. R.I. N.Y.  
 Pa. [Fla.]
14. *perpolitus* Csy. 84d-76 N.Y.  
 15. *depressulus* Csy. 14-137 So. Tex.  
*?iripennis* (Say) 23-30 Fla.  
*varicolor* Lec. 48-292 Pa. Fla.  
 16. *vigilans* Csy. 14-137 Ga.  
 17. *gagatinus* Dej. 29-112 Fla.  
*maurus* Hald. 43-306 Ind. R.I. N.Y.  
*viridescens* Lec. 48-292 Pa. [Fla.]  
 18. *discoderoides* Schfr. 10-404 N.Y.  
 19. *concinnus* Schfr. 10-403 So. Tex.  
 20. *angulatus* Csy. 14-139 Ariz.  
*semirufus* † Schfr. nec Bates So. Tex.  
 21. *delumbis* Csy. 14-140 Fla.  
 22. *subtinetus* Lec. 66-365 La. Fla.
- (*Celiamorphus* Csy. 14-141)  
 23. *ovalis* Dej. 29-106 Fla. So. Atl.  
 24. *fossulatus* Dej. 29-88 Fla.  
 25. *opaculus* Csy. 14-143 N.C. N.J.  
 26. *ellipticus* Dej. 29-108 N.Y.-Ill.-Tex.  
*pulicarius* Dej. 29-108 [Ind. Fla.]  
*granarius* Dej. 29-109  
 27. *currens* Csy. 14-143 N.Y.  
 28. *contractus* Csy. 14-144 N.C.  
 29. *adjunctus* Csy. 14-144 Tex.
- (*Selenophorus* Dej. s. str.)  
 30. *palliatu*s Fab. 98-58 Gulf St.  
*stigmatosus* Germ. 24-25 Fla.  
*impressus* Dej. 29-82  
 31. *chokoloskei* Leng 15-596 So. Fla.  
 32. *famulus* Csy. 14-146 Ariz.  
 33. *læsus* Lec. 58-59 Tex.  
 34. *planipennis* Lec. 48-394 Colo.  
 35. *otiosus* Csy. 14-148 Ariz.  
 36. *maritimus* Csy. 14-148 Tex.  
 37. *cupreolus* Csy. 14-149 Tex.  
 38. *troglydytes* Dej. 29-101 N.J.  
 39. *pedicularius* Dej. 29-100 L.I.-Va. Fla.  
*æreus* Lec. 48-293 Mo. [Ind. La.]  
*puellus* Putz. 78-40 (U.S.?)

**Selenophorus** Dej.

2040. riparius Csy. 14-150 Miss.  
 41. scolopaceus Csy. 14-150 Colo.  
 42. houstoni Csy. 14-151 Tex.  
 43. implicans Csy. 14-151 La. Tex.  
 44. æneopiceus Csy. 846-13 Ariz. Tex.  
 45. fatuus Lec. 63-17 Tex. Fla.  
 46. mustus Csy. 14-152 Fla.  
     excisus || Lec. 78-377  
 47. blanchardi Manee 15-175 N.C.  
     \*  
 48. brevisculus Horn 80-181 Okla.

**Selenalius** Csy. 14-153

2049. cordicollis (Horn) 91-34 Ariz.  
 50. parilis Csy. 14-155 Tex.

**Gynandropus** Dej. 31-817

2051. hylacis (Say) 23-31 R.I. N.J. N.Y.  
     americanus Dej. 31-818 [Ind.  
 52. elongatus Lec. 48-308 Ga. Fla.

**Discoderus** Lec. 53-381

2053. impotens (Lec.) 58-14 Tex.-Ariz.  
 54. obsidianus Csy. 14-158 ?Ariz.  
 55. amœnus Lec. 63-14 N.Mex. Ut.  
     Ariz. So. Cal.  
 56. robustus Horn 83-52 Ariz.  
     a. piceus Csy. 14-159 Ariz.  
 57. crassicollis Horn 91-35 Ariz.  
 58. pinguis Csy. 14-160 Ariz.  
 59. subviolaceus Csy. 14-160 Ariz.  
 60. symbolicus Csy. 14-161 Ariz.  
 61. æqualis Csy. 14-161 Tex.  
     a. longicollis Csy. 14-162 Tex.  
 62. congruens Csy. 14-162 Ariz.  
 63. tenebrosus (Lec.) 48-391 N.Mex.  
 64. parallelus (Hald.) 43-301 N.J. Va. Ia.  
     americanus Mots. 59-137 ? [Ind.  
 65. hesperus Csy. 14-163 Kan. Tex. Colo.

**Hartonymus** Csy. 14-165

2066. hoodi Csy. 14-167 Ill.

*Stenomorphi***Stenomorphus** Dej. 31-696

(*Agaosoma* Mén. 43-63)

2067. rufipes Lec. 58-59 Mex.-Tex.?  
     Ariz.  
 68. scolopax Csy. 14-169 Tex. Kan.  
 69. californicus Mén. 44-63 Cal.

*Anisodactyli***Triplectrus** Lec. 48-381

2070. carbonarius (Say) 23-32 L.I.-Mo. Ind.  
     luctuosus (Dej.) 29-151  
     rufipennis Lec. 48-381 L.I.  
 71. rusticus (Say) 23-32 R.I.-Ariz. Ind.  
     tristis (Dej.) 29-158 N.C. (Fla.?)  
     a. haplomis Chd. 68-13 ?  
 72. crassus Lec. 48-282 N.Y.-N.C.  
     gravidus Lec. 48-283 N.Y.  
 73. pinguis Lec. 48-282 Colo.  
 74. æthiops Csy. 14-175 Tex.  
 75. merula Germ. 24-24 Va.-Fla. Tex.  
 76. peropacus Csy. 14-176 D.C.-Tex.  
 77. convexus Csy. 14-176 Ariz.  
 78. ovularis Csy. 14-177 Mo. Kan.  
 79. dulcicollis Laf. 41-44 Miss. La. Tex.  
     ellipticus Lec. 48-284 Tex.

**Triplectrus** Lec.

2080. modicus Csy. 14-178 Tex.  
 81. texanus (Schfr.) 10-404 Tex.  
 82. anthracinus (Dej.) 29-369 Tex.  
 83. opaculus Lec. 63-16 Tex.  
     elongatus Chd. 68-13  
     (*Gynandrotarsus* Laf. 41-203)  
 84. harpaloides Laf. 41-203 N.C. Mo.

**Cephalogyna** Csy. 18-414

2085. lodingi (Schfr.) 11-114 Ala.

**Anisodactylus** Dej. 29-132

2086. furvus Lec. 63-14 Ga. N.C. Mo.  
     [Ind.  
 87. harrisi Lec. 63-14 Mich. R.I.-  
     Neb. Nfld.-Pa.  
     Ind.  
 88. nigerrimus Dej. 31-842 L.I. Va. Ind  
     laticollis Kby. 37-43 [N. Eng.  
     punctulatus Lec. 63-14  
     opacus (Csy.) 84-8 E. Pa.  
 89. melanopus Hald. 43-302 N.Y. N.J. Pa.  
     agricola Lec. nec Say [Ill. Ind.  
 90. nigrita Dej. 29-149 R.I.-Ind.  
     interpunctatus Lec. nec Kby.  
 91. interpunctatus Kby. 37-42 N.Y. Ind. Pa.  
     lecontei || Chd. 68-117 [Vanc. Can.  
     nigrita Lec. nec Dej.  
 92. agricola Say 23-33 Mo. Kan. Ind.  
     Ill. Tenn. Ga.  
     Colo. [Mich.  
     striatus Lec. 48-280  
     paradoxus Hald. 43-302  
 93. incisus Csy. 14-185 Cal.  
 94. semipunctatus Lec. 59-83 So. Cal.  
 95. solidus Csy. 14-186 Cal.  
 96. incertus Csy. 14-186 Cal.  
 97. sericatus Csy. 14-187 Cal.  
 98. consobrinus Lec. 49-183 So. Cal. Ariz.  
     brevicollis Lec. 49-183 Cal.  
 99. obsolescens Csy. 14-188 Cal.  
 2100. angustus Csy. 14-188 Cal.  
 01. oregonus Csy. 14-189 Or. Id.  
 02. californicus Dej. 29-148 So. Cal.  
     confusus Lec. 49-18?  
 03. sinuatus Csy. 14-190 Or.  
 04. paganicus Csy. 14-190 Ut.  
 05. humeralis Csy. 14-190 Nev.  
 06. amaroides Lec. 49-184 So. Cal. No.  
     Cal.

(*Aplocentrus* Lec. 48-385)

(*Haplocentrus* ‡ auct.)

07. cœnus Say 23-34 Ind. D.C.-Kan.  
     subæneus Lec. 48-285 N.Y.  
     obscurus Lec. 48-286 Mass.  
 08. lætus Dej. 29-154 N.J.-D.C.-  
     Tex. Fla.  
 2109. similis Lec. 49-183 Or.  
     puncticollis Chd. 68-11 Vanc.

**Xestonotus** Lec. 53-383

2110. lugubris (Dej.) 29-118 Ind. R.I.-Ia.  
     manhattanis (Csy.) 84-9 Staten Is.

**Amphasia** Newn. 38-388

2111. interstitialis (Say) 23-57 L.I.-Mo. Ind.  
     fulvicollis Newn. 38-388  
     obscuripennis (Dej.) 29-247







## Stenocellus Csy. 14-243

(*Bradycellus* auct. nec Er. pars)

- |                               |  |
|-------------------------------|--|
| 168. supplex Csy. 14-245      | N.J.   |
| 69. antennalis Csy. 14-245    | N.Y.   |
| 70. insulsus Csy. 14-246      | N.Y.   |
| 71. rupestris (Say) 23-91     | L.I. N.C. Mo.<br>Fla. Mich. So.<br>Cal. Ind. |
| flavipes (Kby.) 37-47         |  |
| elongatulus (Dej.) 29-457     |  |
| 72. occultus Csy. 14-246      | N.Y. Ind.                                    |
| 73. debilipes (Say) 34-435    | N.Y.-Ia.                                     |
| parallelus (Chd.) 68-16       |  |
| 74. cinctus (Say) 34-434      | R.I.-Va.                                     |
| 75. congener (Lec.) 48-307    | Kan. Ut. Colo.<br>N.Mex. Ariz.<br>So. Cal.   |
| 76. aridus Csy. 14-248        | Ariz.  |
| 77. decorus Csy. 14-248       | So. Cal.                                     |
| 78. purgatus Csy. 14-249      | Ariz.  |
| 79. nubifer (Lec.) 58-60      | So. Cal.                                     |
| ventralis (Lec.) 58-61        | Tex. Ariz. Nev.<br>[Cal.]                    |
| 80. rivalis (Lec.) 58-61      | Ariz. So. Cal.                               |
| 81. socors Csy. 14-250        | Guad. Is.                                    |
| 82. alutaceus Csy. 14-250     | No. Cal.                                     |
| 83. lustrellus Csy. 14-251    | Cal.   |
| 84. puncticollis Csy. 14-251  | Cal.   |
| 85. montanus Csy. 14-251      | Cal.   |
| 86. discipulus Csy. 14-252    | Cal.   |
| 87. sejunctus Csy. 14-252     | Cal.   |
| 88. exstans Csy. 14-253       | Cal.   |
| 89. nubicollis Csy. 14-253    | Cal.   |
| 90. lineatus Csy. 14-253      | Cal.   |
| 91. californicus (Lec.) 57-29 | So. Cal.-Wash.                               |
| 92. symmetricus (Mots.) 50-23 | Cal.   |
| 93. ardelio Csy. 14-254       | Cal.   |
| 94. picipes Csy. 14-255       | Cal.   |
| 95. tantillus (Dej.) 29-465   | R.I.-Tex. Fla.                               |
| difficilis (Dej.) 29-467      |  |
| 96. provoensis Csy. 14-256    | Ut.  |
| 97. larvatus Csy. 14-256      | Tex.   |
| 98. neglectus (Lec.) 48-307   | L. Sup. (Ala.?)                              |
| 99. suavis Csy. 14-257        | Tex.   |
| 2200. festinans Csy. 14-257   | Kan. Tex.                                    |
| *                             |  |
| 01. subcordatus (Chd.) 68-166 | ?Cal.  |

**Amerinus** Csy. 84-7

- |                               |               |
|-------------------------------|---------------|
| 2202. longipennis Csy. 14-259 | Miss.         |
| 03. linearis (Lec.) 63-16     | Pa. D.C. Ind. |
| 04. fuscicornis Csy. 14-260   | Va.           |

**Philodes** Lec. 62-33

(*Aepus* Lec. 48-413)

2205. testaceus (Lcc. ) 44-252 Pa. Ind.  
alternans Lec. 53-386

## Goniolophus Csy. 14-262

- |                                 |        |                 |
|---------------------------------|--------|-----------------|
| 2206. <i>flavilimbus</i> (Lec.) | 68-378 | Ga. Fla.        |
| 07. <i>longulus</i> (Dcj.)      | 29-459 | La. Ga. Fla.    |
| 08. <i>lucens</i> Csy.          | 14-264 | Tex.            |
| 09. <i>rectangulus</i> (Chd.)   | 68-18  | Ind.-Miss. Fla. |

**Anthracus Mots. 64-207**

2210. tencer (Lec.) 57-99 Cal.

**Acupalpus** Latr. 29-391

- |                                      |                |
|--------------------------------------|----------------|
| 2211. <i>hydropicus</i> (Lec.) 63-17 | N.Y. R.I. Ind. |
| 12. <i>expertus</i> Csy. 14-267      | R.I.           |
| 13. <i>carus</i> (Lec.) 63-18        | R.I.-Iowa.     |
| ? <i>immunis</i> (Kby.) 37-48        | Mich.Can.Ind.  |

**Acupalpus** Latr.

- |                                   |          |
|-----------------------------------|----------|
| 2214. <i>nanellus</i> Csy. 14-268 | R.I.     |
| 15. <i>trivialis</i> Csy. 14-268  | No. N.Y. |

**Stenolophus** Dcj. 29-405

- |                                 |  |
|---------------------------------|--|
| 2216. carbonarius (Dej.) 29-398 | Fla. Ind. Mich. So. Atl.                 |
| 17. spretus Dej. 31-345         | Tex. Fla.                                |
| 18. ochropczus (Say) 23-54      | Mich. R.I.-Tex. Fla. La. Colo. Ind. Can. |
| convexicollis Lec. 48-309       |  |
| gracilis Csy. 84-14             | Ariz.                                    |
| limbatus Mann. i. litt.         | Sib.                                     |
| 19. abstincens Csy. 14-273      | Ariz.                                    |
| 20. fuliginosus Dej. 29-423     | Ind. R.I.-Pa.                            |
| versicolor Kby. 37-46           | [Mich. Nfld.]                            |
| fuscipennis Lec. 48-410         |  |
| 21. flavipes Lec. 58-60         | So. Cal. Ariz.                           |
| 22. remissus Csy. 14-274        | Cal.                                     |
| 23. fidelis Csy. 14-275         | Nev.-Vanc.                               |
| 24. incultus Csy. 14-275        | Cal.                                     |
| 25. consors Csy. 14-276         | Cal.                                     |
| 26. debiliceps Csy. 14-276      | Cal.                                     |
| 27. limbalis Lec. 57-28         | So. Cal.-Or.                             |
| indistinctus Mots. 59-134       | [Nev. Ut.]                               |
| 28. longitarsis Csy. 14-277     | Or.                                      |
| 29. anceps Lec. 57-28           | So. Cal.                                 |
| rotundicollis Mots. 59-135      |  |
| 30. peregrinus Csy. 14-278      | Ut.                                      |
| 31. cincticollis Lec. 58-60     | So. Cal. Ariz.                           |
| 32. dissimilis Dej. 29-410      | Miss. La. Tex.                           |
| 33. semitinctus Csy. 14-279     | Tex. [Ind.]                              |
| 34. plebejus Dej. 29-424        | R.I.-Tex. Can.                           |
| lugubris (Hald.) 43-302         | [Fla. Ind.]                              |
| 35. fuscatus Dej. 29-426        | R.I.-Md. Ind.                            |
| 36. humidus Ham. 93-305         | N.Y. Pa.                                 |
| 37. unicolor Dej. 29-411        | Cal.                                     |
| a. dolosus Csy. 14-280          | So. Cal.                                 |
| 38. conjunctus (Say) 23-40      | Can. R.I.-Cal. Fla. Mich. Ind.           |
| misellus (Dej.) 29-467          |  |
| rotundicollis (Hald.) 43-302    |  |
| 39. captiosus Csy. 14-281       | Colo. Kan.                               |
| 40. moquinus Csy. 14-282        | Ariz.                                    |
| 41. thoracicus Csy. 14-282      | Mo. Ia.                                  |
| 42. rotundatus Lec. 63-17       | La. Tex.                                 |
| 43. scitulus Csy. 84-78         | Pa.                                      |
| a. incitatus Csy. 14-283        | N.J.                                     |

**Agonoleptus** Csy. 14-284

2244. *parviceps* Csy. 14-285      Colo.

**Tachistodes** Csy. 14-286

- |                                  |        |                |
|----------------------------------|--------|----------------|
| 2245. <i>indistinctus</i> (Dej.) | 31-846 | N.Y.-Tex.      |
| 46. <i>testaceus</i> (Dej.)      | 29-460 | R.I.-Tex. Fla. |
| <i>micros</i> (Lec.)             | 48-312 | [Ind.]         |
| 47. <i>pauperculus</i> (Dej.)    | 29-463 | R.I.-N.C. Fla. |
| <i>consimilis</i> (Dej.)         | 29-465 | [Ind.]         |
| 48. <i>humilis</i> (Dej.)        | 29-462 | N.J.           |
| 49. <i>partiaris</i> (Say)       | 23-90  | Ind. I.I.-Tex. |
|                                  |        | Mich.          |
| ? <i>nigriceps</i> (Lcc.)        | 68-381 | Fla.-N.J.      |
| 50. <i>fusciceps</i> Csy.        | 14-288 | N.J.           |

**Agonoderus** Dcj. 29-49

- |                             |               |
|-----------------------------|---------------|
| 2251. lineola (Fab.) 92-155 | Dcl.-Tex. Ut. |
| furcata (Fab.) 01-206       | Ariz. So.Cal. |
| 52. binotatus Csy. 14-291   | La.           |

**Agonoderus** Dej.

2253. maculatus Lec. 68-374 Cal. Nev.  
 54. infuscatus Dej. 29-54 Tex. Fla. La.  
     suturalis Lec. 48-273 N.Y.  
 55. idoneus Csy. 14-292 Iowa.  
 56. pallipes (Fab.) 92-159 N.C.-Tex.  
     lecontei Chd. 68-14 Ariz. Ind.  
     [Mich. So. Cal.  
 57. plagiatus Csy. 14-294 Wis.  
 58. tarsalis Csy. 14-294 Tex.  
 59. vividus Csy. 14-294 Ark.  
 60. vacans Csy. 14-294 Tex.  
 61. comma (Fab.) 01-207 Va.-L. Sup.  
     pallipes (Say) nec Fab.  
     dorsalis Lec. 48-273  
 62. oculatus Csy. 14-295 Tex.  
 63. gracilitarsis Csy. 14-296 ?Ind. N.Y.  
 64. quadricollis Csy. 14-296 Okla.  
 65. rectus Csy. 14-297 Cal.

**Agonoderus** Dej.

2266. obliquus Csy. 14-297 Ut. Colo.  
     N.Mex.  
 67. pallescens Csy. 14-297 Ariz.  
 68. rugicollis Lec. 59-83 Cal.  
     pallidus (Mots.) 59-137 Cal.  
 69. latipennis Csy. 14-298 Ut.

*Cratocari***Cratocara** Lec. 63-11

- (*Polpochila* Horn 81)  
 2270. capitata Chd. 52-183 Mex. Ariz.  
     erro Lec. 54-221  
 71. brunnea Csy. 14-302 Ariz.  
 72. mentalis Csy. 14-302 Ariz.

**Pogonodaptus** Horn 81-178

2273. mexicanus (Bates) 78-589 Tex.  
     piceus Horn 81-179

**PSEUDOMORPHINÆ**

Horn 83

**Pseudomorpha** Kby. 25-101

2274. excrucians Kby. 25-101 Ga. Ala.  
 75. cronkhitei Horn 67-151 So. Cal.  
 76. behrensii Horn 70-76 Cal.

**Pseudomorpha** Kby.

2277. angustata Horn 83-274 Ariz.  
 78. cylindrica Csy. 89-40 Tex.  
 79. castanea Csy. 09-278 Utah.

**AMPHIZOIDÆ****Amphizoa** Lec. 53-227

- (*Dysmathes* Mann. 53-264)  
 2280. insolens Lec. 53-228 Cal. So. Cal.  
     sahlbergi (Mann.) 53-265 Alas.  
     josephi Matth. 72-119 Vanc.

**Amphizoa** Lec.

2281. lecontei Matth. 72-121 Vanc.

**OMOPHRONIDÆ**

Horn 70; Schaupp 78; Casey 97, 09, 13

**Omophron** Lat. 04-278

2282. labiatum (Fab.) 01-248 N.Y. Fla. Tex.  
 83. nitidum Lec. 48-347 Tex. Miss. Ill.  
     nitens Chd. 68-7  
 84. americanum Dej. 31-583 Nfld. N.E. U.S.  
     sayi Kby. 37-65 Can.  
     a. iridescens Csy. 13-41 Miss.  
     b. lacustre Csy. 97-301 L. Sup.  
     c. texanum Csy. 97-302 Tex.  
     d. fontinale Csy. 13-41 N. Mex.  
 85. ovale Horn 70-75 Cal.  
 86. concinnum Csy. 97-302 Cal.  
 87. tessellatum Say 23-152 Can. M. St.  
     lecontei Dej. 31-582  
     a. ellipticum Csy. 09-276 R. I.

**Omophron** Lat.

2288. grossum Csy. 09-275 Tex.  
 89. dentatum Lec. 49-200 Ariz. So. Cal.  
 90. solidum Csy. 97-303 Cal.  
 91. frater Csy. 13-41 Cal.  
 92. gemma Csy. 97-304 Cal.  
 93. obliteratum Horn 70-73 Ariz.  
     a. utense Csy. 13-43 Ut.  
     b. subimpressum Csy. 13-43 N. Mex.  
 94. gilæ Lec. 49-201 Ariz. So. Cal.  
     a. pallidum Csy. 97-305 Ut.  
     b. pimale Csy. 13-44 Ariz.  
 95. robustum Horn 70-74 N. S.  
 96. brevipenne Csy. 09-276 Ohio.

**HALIPLIDÆ**

Aubé 38; Crotch 73; Matheson 12; Roberts 13

**Brychius** Thoms. 59-8

2297. horni Cr. 73-383 Cal.  
 98. parvulus Rbts. 13-94 Cal.

**Haliplus** Latr. 02-77

- (*Cnemidotus* Ill. (nec Er.) 02-373)  
 (*Hoplitus* Clairv. 06-218)

**Haliplus** Latr.

2299. fasciatus Aubé 38-30 Mass. Pa.  
 2300. connexus Math. 12-164 Mass. Mich.  
     01. triopsis Say 25-106 Me. Wis. Ga.  
     pantherinus Aubé 38-29  
     02. punctatus Aubé 38-32 Fla. Tex. La.

**Haliphus** Latr.

2303. leopardus Rbts. 13-98 Mass. N.Y.  
 punctatus Math. (nec Aubé) 12-167 Tex.  
 04. deceptus Math. 12-166 Tex.  
 suturalis Rbts. 13-96 Tex. N. Mex.  
 05. cribrarius Lec. 50-211 L. Sup. Lab.  
 06. subguttatus Rbts. 13-100 Mass. [Vt.  
 07. gracilis Rbts. 13-102 Or.  
 08. cylindricus Rbts. 13-102 Cal.  
 09. nitens Lec. 50-212 L. Sup. Tex.  
 10. vancouverensis Math. 12-168 B.C.  
 11. tumidus Lec. 80-166 Tex.  
 concolor Math. (nec Lec.) 12-164 Cal.  
 12. concolor Lec. 52-201 Cal.  
 mimeticus Math. 12-168 Cal.  
 13. rugosus Rbts. 13-103 Cal.  
 14. lewisii Cr. 73-384 Tex.  
 15. havaniensis Wehncke 80-74 Cuba.  
 confluentus Rbts. 13-106 Fla.  
 16. annulatus Rbts. 13-107 Fla.  
 17. borealis Lec. 50-212 L. Sup. Ind.  
 18. ruficollis DeG. 74-204 Nfld. Ind.  
 immaculicollis Harr. 28-164  
 americanus Aubé 38-26  
 19. blanchardi Rbts. 13-108 Mass. La.

**Haliphus** Latr.

2320. pallidus Rbts. 13-110 B.C. Wyo. Cal.  
 21. strigatus Rbts. 13-110 B.C. Man.  
 Wyo.  
 22. longulus Lec. 50-211 Mass. L. Sup.  
 Cal.  
**Peltodytes** Reg. 78-450  
 (*Cnemidotus* Er. nec Ill. 32-48)  
 2323. callosus (Lec.) 52-201 B.C. Cal. N.  
 24. tortulosus Rbts. 13-118 Man. [Mex.  
 25. simplex (Lec.) 52-201 Cal.  
 26. dispersus Rbts. 13-113 Ariz. Ut.  
 27. litoralis Math. 12-178 Tex. Kans.  
 28. muticus (Lec.) 63-21 Can. N.Y. Fla.  
 29. floridensis Math. 12-177 Fla.  
 30. oppositus Rbts. 13-115 Fla.  
 31. shermani Rbts. 13-117 Mass. N.J.  
 D.C.  
 32. pedunculatus Blatch. 10-204 Ind.  
 33. 6-maculatus Rbts. 13-117 Mass. Kans.  
 34. festivus (Wehncke) 76-356 Tex. [Tex.  
 35. lengi Rbts. 13-119 N.Y. Pa.  
 36. 12-punctatus (Say) 25-106 Can. Ind. N.Y.  
 37. edentulus (Lec.) 63-21 Mass. Wis.  
 Kans.

**DYTISCIDÆ**

Aubé 38; Crotch 73; Sharp 82; Van Den Branden 84.

**FRAGMENTATI**

Sharp 82-258

**NOTERINÆ****NOTOMICRINI**

- Notomicrus** Shp. 82-260  
 2338. nanulus (Lec.) 63-22 Fla. La.

**SUPHISINI**

- Colpius** Lec. 61-40  
 2339. inflatus Lec. 63-22 Fla. La.

**HYDROCANTHINI**

- Canthydrus** Shp. 82-269  
 (*Suphis* Aubé 38-412)  
 2340. puncticollis (Cr.) 73-397 Mass. Fla.  
 41. bicolor (Say) 34-446 La. Fla.  
 punctipennis Shp. 82-270 Carolina.  
 42. gibbulus (Aubé) 38-414 N.J. Ind. Fla.  
 floridanus Blatch. 14-63 Fla.  
 43. lineatus (Horn) 71-329 L. Cal.  
 44. levis Fall 09-161 L. Cal.

- Canthydrus** Shp.  
 2345. semipunctatus (Lec.) 78-595 Mich.

**Hydrocanthus** Say 23-105

2346. iricolor Say 23-105 Mich. N.J. Fla.  
 47. oblongus Shp. 82-280 Fla.  
 48. atripennis Say 34-447 Mex. Kans.  
 49. texanus Shp. 82-280 Tex. Fla.

**VATELLINÆ****VATELLINI**

- Macrovatellus** Shp. 82-282  
 2350. mexicanus Shp. 82-284 Mex. L. Cal.

**LACCOPHILINÆ****LACCOPHILINI**

- Laccophilus** Leach 17-69  
 2351. maculosus (Germ.) 24-30 Mass. Ind.  
 52. decipiens Lec. 51-205 Cal. Or.  
 californicus Mots. 59-172 Cal.  
 truncatus Mann. 53-68 Russ. Am.  
 maculosus Walk. 66-317 B.C.  
 a. fuscus Shp. 82-290 Nev. Ariz.

**Laccophilus** Leach

2353. proximus Say 23-101 Ind. N.Y. Fla.  
 Tex.  
 ?americanus Aubé 38-422 Antilles Cuba.  
 54. inconspicuus Fall 17-164 Can. L. Sup.  
 55. horni Vd. Br. 84-21 Ariz. [N.H.  
 lateralis || Horn 83-282 Ariz.



**Laccophilus** Leach

2356. coccinelloides Reg. 89-112 Ariz.  
 57. pictus Cast. 34-104 Ariz. Tex. L.  
 58. insignis Shp. 82-290 Tex. [Cal.  
 59. fasciatus Aubé 38-423 N.Y. Tex.  
     rufus Melsh. 46-28 Pa.  
     biguttatus Kby. 37-69 Can.  
 60. terminalis Shp. 82-292 Tex.

**Laccophilus** Leach

2361. mexicanus Aubé 38-420 N.Mex.  
     atristernalis Cr. 73-400 Cal.  
 62. 4-lineatus Horn 71-330 Tex. Kans.  
 63. undatus Aubé 38-435 Mass. Ind.  
 64. schwarzi Fall 17-165 Va.  
 65. gentilis Lec. 63-23 La. Fla.  
 66. pumilio Lec. 78-596 Fla.

**COMPLICATI**

Sharp 82-258

**HYDROPORINÆ****HYDROVATINI****Hydrovatus** Mots. 55-82

2367. cuspidatus (Kunze) 18-68 Me. Wis. N.Y.  
     pustulatus (Melsh) 46-29 Pa.  
 68. indianensis Blatch. 10-212 Ind.  
 69. brevipes Shp. 82-324 Cal. Kans.

**Hydrovatus** Mots.

2370. compressus Shp. 82-324 Fla. La. Kans.  
 71. horni Cr. 73-387 Tex.  
 72. major Shp. 82-335 L. Cal.

**BIDESSINI****Desmopachria** Bab. 41-16

2373. granum (Lec.) 55-294 La. Fla.  
 74. convexa (Aubé) 38-479 Can. Ind. N.Y.  
 75. latissima (Lec.) 51-205 Cal. B.C.  
 76. dispersa (Cr.) 73-388 Ariz. Tex.  
 77. mexicana Shp. 82-19 Mex. [L. Cal.

**Bidessus** Shp. 82-344

2378. exiguus (Aubé) 38-490 Fla. Ga.  
 79. cinctellus (Lec.) 51-206 Ariz.  
 80. 4-pustulatus Fall 17-167 Cal.  
 81. pictodes Shp. 82-348 Cal.  
 82. decoratus Fall 17-167 Ariz.  
 83. seminulum (Lec.) 78-377 Fla.  
 84. plicipennis (Cr.) 73-388 Cal.  
 85. flavicollis (Lec.) 55-295 Wis. Ind. N.Y.  
 86. obesus Shp. 82-349 Tex. [Miss.  
 87. discretus Shp. 82-350 Tex.  
 88. pulicarius (Aubé) 38-494 Ind. N.Y. Fla.  
     inconspicuus (Lec.) 55-294 La.

**Bidessus** Shp.

2389. texanus Shp. 82-366 Tex.  
 90. affinis (Say) 23-104 Nfld. Ind. Fla.  
     nanus (Aubé) 38-496  
     a. erythrostomus (Mann.) 52-305 Alas.  
     b. macularis (Lec.) 51-206 Col.  
     c. obscurellus (Lec.) 51-206 Cal.  
     d. nigrinus Csy. 84-80 Cal.  
 91. subtilis (Lec.) 51-206 Cal.  
 92. ornatellus Fall 17-167 Or.  
 93. amandus (Lec.) 51-207 Ariz.  
 94. lacustris (Say) 23-103 L. Sup. N.Y.  
     Tex.  
 95. fuscatus (Cr.) 73-391 L. Sup. N.Y.  
 96. floridanus Fall 17-168 Fla. [Tex.  
     shermani Mutch. 18-82 Fla.  
 97. pullus (Lec.) 55-294 La. Tex.  
 98. granarius (Aubé) 38-501 N.Y. Fla.  
 99. suburbanus Fall 17-169 N.Y. Pa.

**CELININI****Celina** Aubé 36-219

2400. angustata Aubé 38-447 N.Y. Ind.  
     Kans. Fla.

**Celina** Aubé

2401. slossoni Mutch. 18-85 Fla.  
 02. grossula Lec. 63-22 La. Fla.

**HYDROPORINI****Coelambus** Thoms. 60-13

2403. inæqualis (Fab.) 76-239 Mich. Ind. Pa.  
     ?punctatus (Say) 24-271 [Nfld.  
 04. hydropicus (Lec.) 51-205 Cal. Or.  
 05. faretus (Lec.) 55-293 Mass. N.J.  
 06. marginipennis Blatch. 12-330 [Ind.  
     Fla.  
 07. acaroides (Lec.) 55-294 Ind. O. Minn.  
 08. turbidus (Lec.) 55-298 Ind. Mass.  
     Can.  
 09. dispar (Lec.) 50-216 L. Sup. N.Y.  
     dissimilis (G. & H.) 68-432 [Mass.  
 10. lutescens (Lec.) 51-208 Cal.  
 11. fumatus Shp. 82-400 "N.A."  
 12. patruelis (Lec.) 55-298 Nebr.  
     ?discoideus (Lec.) 55-299 Nebr.  
 13. suturalis (Lec.) 50-216 L. Sup.  
 14. sellatus (Lec.) 66-365 Dak.

**Coelambus** Thoms.

2415. medialis (Lec.) 51-209 Cal.  
 16. pedalis Fall 01-212 Cal.  
 17. femoratus Fall 01-212 N.Mex.  
 18. ovoideus (Lec.) 50-216 L. Sup.  
 19. masculinus Cr. 74-74 Lake Labache.  
 20. nubilus (Lec.) 55-298 Nebr. Ind.  
 21. unguicularis Cr. 74-73 B.C. [N.Y.  
 22. infuscatus Shp. 82-401 Nev.  
 23. fraternus (Lec.) 51-209 Colo. River  
 24. impressopunctatus (Sch.) 83-312  
     Can. Ind. N.Y.  
     picatus (Kby.) 37-68 Can.  
     similis (Kby.) 37-68 Can.  
     10-lineatus (Mann.) 53-161 Alas.  
 25. laccophilinus (Lec.) 78-595 L. Sup. Ind.  
 26. sylvanus Fall 17-169 N. Y. [Mass.  
 27. princeps Blatch. 14-64 Fla.

**Deronectes** Shp. 82-418

2428. depressus (Fab.) 75-233 Nfld. N. Y.  
 brevis (Sturm) 35-9 [L. Sup.  
 rotundatus (Lec.) 63-21 Can.  
 29. catascopium (Say) 23-103 Wis. Vt. N. Y.  
 prosternalis Shp. 82-434 "N. A."  
 suffusus Shp. 82-434 "N. A."  
 interruptus (Say) 34-445  
 parallelus (Say) 23-98  
 30. griseostriatus (DeG.) 74-103 Lab. N. H. Can.  
 Or.  
 31. striatellus (Lec.) 51-207 Cal. Ariz.  
 pulcher (Mots.) 59-363 [Mont.  
 32. æquinoctialis (Clk.) 62-178 Ariz. Mex.  
 Guat.

**Hydroporus** Clairv. 06-182

2433. aulicus Aubé 38-572 Ga. Tenn.  
 34. diversicornis Shp. 82-437 Tex.  
 35. triangularis Fall 17-170 Wis.  
 36. pilatei Fall 17-170 La.  
 37. wickhami Zaitz. 08-118 Pa. Va. Ill.  
 concinnus || Lec. 55-297 [Kans. Minn.  
 38. ohionis Fall 17-172 Ohio.  
 39. cocheconis Fall 17-171 N. H.  
 40. pulcher Lec. 55-297 N. Y. Ill. Ala.  
 41. integer Shp. 82-438 Vt. Pa.  
 42. shermani Fall 17-172 N. Y. Ind. T.  
 43. lineolatus Lec. 55-296 Ill. Ga.  
 vittatipennis G. & H. 68-442  
 44. mellitus Lec. 55-299 Vt. Ind. Ga.  
 45. dixianus Fall 17-173 Ga.  
 46. cimicoides Shp. 82-439 N. J. Va. Fla.  
 47. undulatus Say 23-102 Ind. Mass.  
 fasciatus Harr. 28-164 [Fla.  
 pubipennis Aubé 38-480  
 velutinus Aubé 38-481  
 48. oppositus Say 23-102  
 49. lobatus Shp. 82-439 Mass.  
 50. scrutator Shp. 82-440 "N. A."?  
 51. lynceus Shp. 82-440 "N. A."  
 52. clypealis Shp. 82-441 Mass.  
 53. anticus Shp. 82-441 Pa. La.  
 54. consimilis Lec. 50-214 L. Sup. Or.  
 placatus Fall 17-177 Or.  
 55. eruditus Shp. 82-442 Pa.  
 56. republicanus Shp. 82-442 "N. A." Fla.  
 57. proximus Aubé 38-483 N. H. Mass.  
 Ind.  
 58. spurius Lec. 55-296 Vt. Mass.  
 peltatus Shp. 82-441 [N. Y.  
 59. dilatatus Fall 17-174 N. H. Mass.  
 a. suffusus Fall 17-175 N. J. [Md.  
 60. sulcipennis Fall 17-175 N. H. N. Y. Va.  
 61. hybridus Aubé 38-513 Ill. Ia.  
 62. semiflavus Fall 17-176 Ill. Mo.  
 63. mixtus Lec. 55-296 Nebr. Kans.  
 64. carolinus Fall 17-180 N. C.  
 65. vittatus Lec. 55-296 Nebr. Minn.  
 Ill.  
 66. sericeus Lec. 50-214 Man. L. Sup.  
 67. solitarius Shp. 82-445 L. Sup. Mass.  
 Nfld.  
 68. venustus Lec. 55-295 N. J. Va. N. C.  
 69. arizonicus Fall 17-178 Ariz.  
 70. semirufus Lec. 55-296 Nebr. Kans.  
 dimidiatus G. & H. 68-432 [Conn.  
 71. striatopunctatus Melsh. 46-28 Ind. N. Y. Va.  
 Va.  
 72. tigrinus Fall 17-178 Can. Ill.  
 73. vitiosus Lec. 55-296

**Hydroporus** Clairv.

2474. blanchardi Sherm. 13-52 Mass. Ala.  
 vitiosus Shp. nec Lec. 82-443  
 75. eximius Mots. 59-164 Cal.  
 76. addendus Cr. 73-393 B. C. L. Cal.  
 77. funereus Cr. 73-392 L. Cal.  
 78. mexicanus Shp. 82-447 Mex. Ariz.  
 79. roffi Clk. 62-176 Mex. Ariz.  
 80. corvinus Shp. 87-754 Tex. Ariz.  
 81. alpinus (Payk.) 98-226 L. Sup. Nfld.  
 82. 12-lineatus Lec. 50-214 L. Sup.  
 ?lævis Kby. 37-67  
 83. septentrionalis (Gyll.) 27-385 Nfld. N. H.  
 ?scitulus Lec. 55-295 L. Sup. [N. Y.  
 84. picturatus Horn 83-283 Nev.  
 85. rivalis (Gyll.) 27-384 Cal.  
 obesus Lec. 66-365 Cal.  
 congruus Lec. 78-452 Colo.  
 86. 4-maculatus Horn 83-284 Nev.  
 87. occidentalis Shp. 82-456 B. C.  
 88. longicornis Shp. 70-205 Lab.  
 89. caliginosus Lec. 50-214 L. Sup.  
 puberulus Lec. 50-215 L. Sup.  
 90. morio Shp. 82-471 Lab. N. H.  
 atriceps Cr. 70-96 Greenland.  
 91. tartaricus Lec. 50-214 L. Sup.  
 ?nigellus Mann. 53-163 Alas.  
 92. obscurus Sturm 35-65 Mich. Nfld.  
 93. tenebrosus Lec. 50-214 L. Sup. Lab.  
 Mass.  
 ?lutulentus Lec. 55-298 L. Sup.  
 luridipennis || Lec. 50-216 L. Sup.  
 ?hirtellus Lec. 51-208 Cal.  
 94. subpubescens Lec. 51-208 Cal.  
 95. despectus Shp. 82-466 Can. Mass.  
 96. perplexus Shp. 82-467 Lab. Cal.  
 97. rusticus Shp. 82-467 Nev.  
 98. appalachius Sherm. 13-53 N. H. Can.  
 signatus Shp. nec Mann. 82-469  
 99. longiusculus G. & H. 68-436 Alas.  
 oblongus || Aubé 38-605  
 2500. glabriusculus Aubé 38-312 Alas.  
 01. tristis (Payk.) 98-232 Can. Mich.  
 ?varians Lec. 50-214 L. Sup. [Mass.  
 ?ruficapillus Mann. 52-304 Alas.  
 02. subtonsus Lec. 55-292 L. Sup. Vt.  
 03. contractulus Mann. 52-304 Alas. [N. Y.  
 04. rufinasus Mann. 52-305 Alas.  
 05. americanus Aubé 38-575 Ind. Mass.  
 06. dentellus Fall 17-181 N. H. Mass.  
 07. fortis Lec. 51-207 Cal. Or.  
 08. signatus Mann. 53-161 Can. Ill. N. Y.  
 09. fuscipennis Kies. 68-64 Mass.  
 ?puberulus Mann. 53-163  
 10. dichrous Melsh. 46-28 Ind. Mass.  
 11. melsheimeri Fall 17-182 Mass.  
 12. inornatus Shp. 82-478 Mass.  
 13. axillaris Lec. 53-132 Alas.  
 humeralis || Lec. 51-207 Colo.  
 14. niger Say 23-102 Ind. Mass.  
 modestus Aubé 38-576 [Can.  
 punctatissimus Aubé 38-484  
 15. latifrons Shp. 82-478 "N. A."  
 16. ruficeps Shp. 82-479 Mass. Va.  
 17. rufilabris Shp. 82-479 Tex.  
 18. notabilis Lec. 50-216 L. Sup.  
 19. arcticus Thoms. 54-197 Lab.  
 20. humeralis Aubé 38-578 Lab. B. C.  
 Alas.



**Hydroporus** Clairv.

2521. stagnalis G. & H. 68-441 L.Sup. Mass.  
 collaris || Lee. 55-292  
 22. persimilis Cr. 73-395 Can. Mass.  
 23. oblitus Aubé 38-602 Mich. N.H.  
 luridipennis Melsh. 46-28 [Va.  
 limbalis Melsh. 46-28  
 24. brevicornis Fall 17-180 N.H. Mass.  
 25. terminalis Shp. 82-484 Cal. [Md.  
 26. vilis Lee. 51-208 Cal.  
 27. palliatus Horn 83-283 Cal.  
 28. latebrosus Lee. 51-208 Cal.

**Hydroporus** Clairv.

2529. hardyi Shp. 82-484 Cal.  
 30. belfragei Shp. 82-485 Tex.  
 31. difformis Lee. 55-298 N.Y. Ind. Ga.  
 32. conoideus Lee. 50-216 L.Sup.  
 \*  
 — ?planatus Mann. 53-162 Alas.  
 — ?truncatus Mann. 53-162 Alas.  
 — ?discicollis Say 34-446  
 — ?impressifrons Mots. 53-165  
 — ?biguttatus Kby. 37-69 Can.  
 — ?punctatus Say 24-271

**COLYMBETINÆ**

## AGABINI

**Hydrotrupes** Shp. 82-492

2533. palpalis Shp. 82-492 Cal.

**Agabinus** Cr. 73-397

2534. glabrellus (Mots.) 59-171 Cal.  
 morulus (Lee) 61-340

**Agabus** Leach. 17-69

- (*Anisomera* Brullé 35-205)  
 (*Gaurodytes* Thoms. 60-57)  
 2535. cordatus (Lee.) 53-226 N.Mex. Colo.  
 36. rectus (Lee.) 69-375 Vanc. I.  
 37. intersectus (Cr.) 73-419 Cal. Wyo. Vt.  
 38. hypomelas Mann. 43-221 Alas.  
 irregularis Mann. 53-159 Alas.  
 39. seriatus (Say) 23-97 Lab. E. U.S.  
 parallelus (Lee.) 50-213  
 aretus Melsh. 46-27  
 striatus Aubé 38-305  
 40. suturalis (Cr.) 73-423 Nev.  
 41. perplexus Shp. 82-498 Vanc. I.  
 42. lugens (Lee.) 51-203 Cal.  
 43. obtusatus (Say) 23-99 N.H. N.Y. Va.  
 nitidus (Say) 23-98  
 44. planatus Shp. 82-503 Mass.  
 45. brevicollis (Lee.) 57-24 Cal.  
 46. stagninus (Say) 23-100 Pa.  
 striola Aubé 38-308  
 47. confertus (Lee.) 61-340 Or.  
 walsinghami (Cr.) 73-419  
 48. semivittatus (Lee.) 51-204 Colo. Ind. Pa.  
 a. spilotus (Lee.) 59-5 Nebr. [Fla.  
 49. texanus Shp. 82-505 Tex.  
 50. punctatus Melsh. 46-27 Pa.  
 51. punctulatus Aubé 38-332 Lab. L.Sup.  
 æneolus (Cr.) 73-417 [Or.  
 52. æruginosus Aubé 38-298 N.J.  
 53. semipunctatus (Kby.) 37-69 Lab. Mass.  
 L.Sup.  
 54. stridulator Shp. 82-509 H. Bay.  
 55. mutus Shp. 82-513 H. Bay.  
 56. tæniolatus (Harr.) 28-164 Mass. Va.  
 57. disintegratus (Cr.) 73-416 Can. Kans.  
 Ind. Pa.  
 58. lineellus (Lee.) 61-340 Cal.  
 59. inscriptus (Cr.) 73-422 Lab. N.H.  
 60. eongener (Payk.) 98-214 Lab. N.H.  
 61. nigripalpis Sahlb. 80-56 Lab.  
 dissimilis Sahlb (In Litt.)  
 borealis Shp. 82-513  
 62. reticulatus Kby. 37-71 L.Sup. Mass.  
 finbriatus (Lee.) 51-214 [Va.

**Agabus** Leach.

2563. confinis (Gyll.) 08-511 Vt.  
 ovoideus (Cr.) 73-418  
 64. discolor (Harr.) 28-164 Mass.  
 ?ambiguus (Say) 23-96  
 subfuseatus Shp. 82-514  
 65. lecontei (Cr.) 73-417 Cal. Alas.  
 discolor || (Lee.) 51-204  
 lutosus Melsh. 53-31  
 66. phæopterus Kby. 37-70 Can.  
 67. bicolor Kby. 37-70 Can. Alas.  
 68. oblitteratus (Lee.) 59-5 Nebr.  
 69. griseipennis (Lee.) 59-5 Nebr. Cal.  
 70. obsoletus (Lee.) 58-15 Cal.  
 71. infuscatus Aubé 38-330 Lab.  
 72. erythropterus (Say) 23-95 Mass. N.Y.  
 73. morosus (Lee.) 51-204 Cal. [Va.  
 fossiger Mots. 59-170  
 74. strigosus (Cr.) 73-422 Cal.  
 nanus (Lee.) 78-452 Colo.  
 75. anthracinus Mann. 52-304 N.H. L.Sup.  
 scapularis Mann. 52-203  
 76. areticus (Payk.) 98-201 Lab.  
 subfasciatus (Lee.) 62-17  
 77. elavatus Lec. 59-4 Man.  
 78. austini Shp. 82-516 B.C.  
 79. nigroæneus Er. 37-157 Lab. Mass.  
 erichsoni G. & H. 68-454 [L.Sup.  
 lutosus (Cr.) 73-419  
 sobrinus Mots. 59-170  
 80. gagates Aubé 38-306 N.H. N.J. Va.  
 Ind.  
 81. discors (Lee.) 61-341 Or. Vanc. I.  
 82. tristis Aubé 38-356 Lab. N.H. Alas.  
 atratus Mann. 53-157  
 83. leptopsis (Lee.) 78-596 L.Sup.  
 84. longulus (Lee.) 78-596 L.Sup.  
 85. fuseipennis Payk. 98-209 Eur. Lab.  
 \*  
 — ?subopaeus Mann. 53-157  
 — ?terminalis Melsh. 46-27  
 — ?americanus Aubé 38-334

**Ilybiosoma** Cr. 73-413

2586. regularis (Lee.) 51-203 Cal.  
 oblongum (Mots.) 59-369  
 87. bifarius (Kby.) 37-71 Can. Mich.  
 Mass.

**Ilybius** Er. 32-34

2588. ater (DeG.) 74-401 Pa.  
 unguicularis (Lee.) 62-521 Middle States.



**Ilybius** Er.

2589. subæneus Er. 39-156 Nfld. Lab.  
viridiæneus Cr. 73-411 Kans. H. Bay.  
90. pleuriticus Lec. 50-213 Lab. N.H.  
L. Sup.  
91. suffusus Cr. 73-411 Ind. T.  
92. inversus Shp. 82-552 "N.A."  
93. 4-maculatus Aubé 38-274 Or. Alas.  
94. ignarus Lec. 62-521 Mich. N.Y.  
95. angustior (Gyll.) 08-500 Nfld. Lab.  
picipes Kby. 37-71 [L. Sup.]

**Ilybius** Er.

2596. fuliginosus (Fab.) 92-191 N.A.?  
97. discedens Shp. 82-557 H. Bay. Lab.  
N.H.  
98. biguttulus (Germ.) 34-29 Can. Mass.  
?fenestralis (Say) 23-95 [Ill. Va.]  
?fraterculus Lec. 62-521  
99. laramæus Lec. 59-4 Nebr.  
2600. confusus Aubé 38-280 Ind. N.Y.  
01. oblitus Shp. 82-560 "N.A."

## AGABETINI

**Agabetes** Cr. 73-401

- 2602 acuductus (Harr.) 28-124 Ind. Mass.

## MATINI

**Matus** Aubé 38-390

2603. bicarinatus (Say) 23-98 Mass. Ind.  
Fla.

## COPELATINI

**Copelatus** Erichs. 32-38

2604. cælatipennis Aubé 38-382 Fla.  
05. glyphicus (Say) 23-99 Minn. Kans.  
10-striatus Aubé 38-379 [N.Y. Fla.]  
punctulatus Aubé 38-381

**Copelatus** Erichs.

2606. impressicollis Shp. 82-589 Ariz.  
07. chevrolati Aubé 38-389 Fla.  
a. australis Schæff. 08-17 Tex. Ariz. Cal.  
08. fragilis Shp. 82-40 L. Cal. Guat.

## COPTOTOMINI

**Coptotomus** Say 34-443

2609. obscurus Shp. 82-601 Fla. Tex.  
10. interrogatus (Fab.) 01-267 Can. Kans.  
venustus Say 23-98 [Fla.]

**Coptotomus** Say

- difficilis Lec. 51-204 Cal.  
serripalpis Say. 34-443 Mex.  
2611. longulus Lec. 51-205 Wyo. Minn.

## COLYMBETINI

**Scutopterus** Cr. 73-404

2612. angustus (Lec.) 50-213 L. Sup. N.H.  
13. horni Cr. 73-405 L. Sup. Can.  
coriaceus Horn nec Cast. 71-330 Can.

**Rhantus** Lac. 35-309

2614. divisus (Aubé) 38-248 Cal. Colo.  
15. flavogriseus Cr. 73-409 "N.A."  
longipes Shp. 82-612 B.C.  
obscurus Shp. 82-613 Cal.  
16. binotatus (Harr.) 28-164 Wis. Ariz.  
assimilis (Kby.) 37-72 [N.H. N.Y.]  
plebejus Shp. 82-613  
17. anisonychus Cr. 73-409 Cal.  
18. atricolor (Aubé) 38-265 Ariz.  
19. calidus (Fab.) 92-193 Me. N.J. Fla.  
tæniolis (Say) 23-94  
a. meridionalis Melsh. 46-27 Ga.  
?consimilis Mots. 59-168 Cal.  
20. sinuatus Lec. 62-522 Wis. N.Y.  
21. confusus Blatch. 10-229 Ind.  
22. notatus (Fab.) 81-296 Can.  
?sericans Shp. 82-619 B.C.  
23. bistriatus (Bergst.) 78-42 Can. Lab.  
agilis (Payk.) 98-199 [N.H. Ind.]  
sutrellus (Harr.) 28-164

**Rhantus** Lac.

2624. tostus Lec. 66-366 Or. L. Sup.  
25. discedens Shp. 28-615 Cal. [N.Y.]

**Colymbetes** Clairv. 06-188

- (*Cymatopterus* Esch. 37-61)  
2626. paykulli Er. 39-149 No. Eur. & Am.  
27. longulus Lec. 62-522 Can. N.H.  
28. obscuratus Mann. 53-154 Alas.  
29. grønlandicus Aubé 38-233 Greenland.  
Lab.  
drewseni Lec. 62-523 Greenland.  
30. seminiger Lec. 62-522 Sask.  
inæqualis Horn 71-330 Cal. Or.  
31. strigatus Lec. 51-203 Cal.  
strigosus Lec. 62-522 Cal.  
crotchii Shp. 82-626 Cal.  
32. sculptilis Harr. 29-8 Lab. Can.  
Mich. N.Y.  
exaratus Lec. 62-522 Can.  
densus Lec. 59-282 Cal.  
triseriatus (Kby.) 37-73 Can.  
33. rugipennis Shp. 82-628 Nebr. Lab.  
34. dolobratu (Payk.) 98-204 Alas.  
35. thomsoni Shp. 82-628 Greenland.

## DYTISCINÆ

## DYTISCINI

**Dytiscus** L. 58-411

- (*Dytiscus* Geoffr. 62-185)  
(*Leionotus* Kby. 37-76)  
2636. fasciventris Say 24-270 Mich. Ind.  
carolinus Aubé 38-120 [N.Y.]  
cordieri Aubé 38-108

**Dytiscus** L.

2637. hybridus Aubé 38-116 Ind. N.Y. Va.  
compar Melsh. 46-26  
38. verticalis Say 23-92 Mich. Ind.  
39. marginicollis Lec. 44-201 Cal. [N.Y.]  
40. sublimbatus Lec. 57-34 B.C.

**Dytiscus** L.

2641. *marginalis* L. 58-411 Can. N.Y.  
 42. *parvulus* Mann. 56-154 Alas. Lab.  
 43. *vexatus* Shp. 82-643 Alas.  
 44. *circumcinctus* Ahr. 11-67 Man.  
     *anxius* Mann. 43-218 Alas.  
     *albionicus* Mots. 59-166 Cal.  
     *fuscostratus* Mots. 59-167 Cal.

**Dytiscus** L.

2645. *dauricus* Gebl. 32-39 Alas. L. Sup.  
     *confluens* Say. 34-440 [N.H.  
     *diffinis* Lec. 50-212 L. Sup.  
     *ooligbuki* Kby. 37-74 Can.  
     *franklini* Kby. 37-77 Can.  
     *ventralis* Mots. 55-79 Alas.  
 46. *harrisi* Kby. 37-76 Can. Ind. N.Y.

**HYDATICINÆ****HYDATICINI****Hydaticus** Leach 17-69

2647. *stagnalis* (Fab.) 87-191 B.C. Ind.  
     *cinctipennis* Aubé 38-191 [Mass.  
     ? *americanus* Shp. 82-654 Red River.  
     ? *modestus* Shp. 82-650 "N.A."

**Hydaticus** Leach

2648. *lævipennis* Thom. 67-88 Red River.  
 49. *piceus* Lec. 63-23 Mich. Ind.  
 50. *bimarginatus* Say 34-442 Va. Fla. [N.Y.  
     *fulvicollis* Aubé 38-124

**THERMONECTINI****Acilius** Leach 17-69

2651. *semisulcatus* Aubé 38-132 B.C. Mich.  
     a. *abbreviatus* Mann. 43-219 Kans. N.Y.  
     b. *oregonensis* Cr. 73-402 Alas.  
     c. *simplex* Lec. 51-202 Or.  
     d. *latiusculus* Lec. 57-34 Cal.  
 52. *fraternus* (Harr.) 28-156 Cal.  
 53. *mediatus* (Say) 23-33 Mass. Nfld.  
     *maccullochi* (Kby.) 37-74 N.H. N.Y. Va.  
     Can.

**Thermonectes** Cr.

2656. *marginoguttatus* (Aubé) 38-149 Mex. W.I.  
     L. Cal.  
 57. *marmoratus* (Hope) 32-284 Ariz. L. Cal.  
     *maculatus* (Lec.) 54-221  
 58. *peninsularis* Horn 94-362 Cal.

**Graphoderes** Thoms. 60-38

2659. *liberus* (Say) 25-160 Mich. Mass.  
     *rugicollis* (Kby.) 37-73 [Fla.  
     *brunnipennis* (Aubé) 38-203  
     *thoracicus* (Harr.) 28-156  
 60. *cinereus* (L.) 58-412 B.C. Ill. Mass.  
     ? *fasciatocollis* (Harr.) 28-156  
 61. *perplexus* Shp. 82-695 "N.A."  
 62. *elatus* Shp. 82-695 Red River.  
 63. *occidentalis* Horn 83-281 Cal.

**Thermonectes** Cr. 73-402

2654. *ornaticollis* (Aubé) 38-140  
     a. *nigrofasciatus* (Aubé) 38-136  
 55. *basilaris* (Harr.) 29-8  
     a. *intermedius* Cr. 73-402  
     b. *latecinctus* (Lec.) 51-203

**ERETINI****Eretes** Cast. 32-397

2664. *sticticus* (L.) 66-666 Kans. Ariz.

**CYBISTRINÆ****Megadytes** Shp. 82-704

2665. *fraternus* Shp. 82-708 W.I. Fla.  
     L. Cal.

**Cybister** Curtis 27-151

- (*Trogus* || Leach 17-69)  
 2666. *olivieri* Cr. 73-399 Fla.

**Cybister** Curtis

2667. *fimbriolatus* (Say) 23-91 Ill. N.Y. Va.  
     *dissimilis* Aubé 38-69  
 68. *ellipticus* Lec. 51-202 Cal.  
 69. *explanatus* Lec. 51-202 Cal.  
 70. *flavocinctus* Aubé 38-78 Mex.

**GYRINOIDEA****GYRINIDÆ**

Aubé 38; Leconte 68; Regimbart 82, 07; Zaitzev 08; Ahlwarth 10

**ENHYDRINI****Dineutes** MacLeay 25-30

- (*Cyclous* Esch. 37-66)  
 (*Cyclinus* Kby. 37-78)

2671. *vittatus* (Germ.) 24-32

- opacus* (Melsh.) 44-29  
 72. *robertsi* Leng 11-11

N.J.-Va.

Ga.

Ga.

**Dineutes** MacLeay

- |                                 |                |                         |                                |                |
|---------------------------------|----------------|-------------------------|--------------------------------|----------------|
| 2673. sublineatus Chev. 33-f.1. | Ariz. L.Cal.   | <b>Dineutes</b> MacLeay | 2679. nigrior Rbts. 95-284     | Atl. Coast.    |
| ♀ integer Lec. 54-221           |                |                         | 80. americanus Say 26-107      | Can. U.S.      |
| 74. discolor Aubé 38-784        | Ind.Atl.Coast. |                         | assimilis (Kby.) 37-78         |                |
| labratus (Melsh.) 44-29         | Pa.            |                         | 81. horni Rbts. 95-284         | Atl. Coast     |
| 75. angustus Lec. 78-378        | Va. Fla.       |                         |                                | Tex.           |
| 76. serrulatus Lec. 68-366      | Fla. Ga.       |                         | 82. emarginatus Say 26-108     | Ind.Atl.Coast. |
| 77. analis Regt. 82-416         | Tex. La. Fla.  |                         | americanus Aubé nec Say 38-778 |                |
| 78. productus Rbts. 95-285      | Tex.           |                         | 83. carolinus Lcc. 68-367      | Fla. Tex.      |

## GYRININI

**Gyrinus** Geoffr. 62-193

- |                               |                 |                        |                               |               |
|-------------------------------|-----------------|------------------------|-------------------------------|---------------|
| 2684. minutus Fab. 01-276     | Eur. N.A. Ind.  | <b>Gyrinus</b> Geoffr. | 2697. piceolus Blatch. 10-240 | Ind.          |
| rockinghamensis Lec.68-370    | N.C. [Fla.      |                        | 98. canadensis Regt. 83-159   | Can.          |
| 85. confinis Lec. 68-368      | Lab. H.Bay.     |                        | 99. pernitidus Lec. 68-369    | Fla. Ga. Cal. |
|                               | Can.            |                        | 2700. analis Say 25-108       | U.S. Ind.     |
| 86. fraternus Coup. 65-60     | L.Sup. Ind.     |                        | aubei Lec. 63-18              |               |
|                               | Can.            |                        | 01. gibber Lec. 68-370        | N.C.          |
| 87. æneolus Lec. 68-368       | N.Y. Ind.       |                        | 02. opacus Sahlb. 17-45       | Iceland Lab.  |
|                               | Mich.           |                        | 03. pectoralis Lec. 68-370    | H.Bay.L.Sup.  |
| 88. limbatus Say 25-109       | Can. Ind. Fla.  |                        | 04. picipes Aubé 38-694       | Lab. Alas.    |
| 89. dichrous Lec. 68-368      | Mass.           |                        | 05. marinus Gyll. 08-143      | H.Bay.Green-  |
| 90. elevatus Lec. 68-368      | N.Y. Fla.       |                        |                               | land.         |
| 91. ventralis Kby. 37-80      | Lab. L.Sup.     |                        | opacus Lec. nec Sahlb. 68-369 |               |
| limbatus Aubé 38-672          | [Pa.            |                        |                               | Greenland.    |
| 92. aquiris Lec. 68-368       | Lab. Can. U.S.  |                        | a. dorsalis Gyll. 08-142      | Greenland.    |
| 93. plicifer Lec. 51-209      | Ill. Ariz. Cal. |                        | 06. impressicollis Kby. 37-79 | Can.          |
| ?lateralis Aubé 38-773        |                 |                        | 07. borealis Aubé 38-692      | Can. Mass.    |
| ?marginiventris Mots. 59-174  |                 |                        | sayi Aubé 38-698              | [N.Y.         |
| 94. consobrinus Lec. 51-209   | Cal.            |                        | a. lugens Lec. 68-369         | L.Sup. Mass.  |
| ?fuscipes Mots. 59-173        | Cal.            |                        | 08. corpulentus Regt. 83-178  | "N.A."        |
| 95. maculiventris Lec. 68-369 | L.Sup. Mont.    |                        | 09. parvus Say 34-448         | Tex. Fla.     |
| 96. affinis Aubé 38-669       | Ind. Mich.      |                        |                               | L.Cal.        |

## ORECTOCHILINI

**Gyretes** Brullé 34-241

- |                                 |      |                       |                            |           |
|---------------------------------|------|-----------------------|----------------------------|-----------|
| 2710. californicus Regt. 07-188 | Cal. | <b>Gyretes</b> Brullé | 2711. sinuatus Lec. 51-210 | Cal. Tex. |
|                                 |      |                       | compressus Lec. 63-23      | Ill.      |

## PALPICORNIA OR HYDROPHILOIDEA

## HYDROPHILIDÆ

Mulsant 44; Leconte 55; Horn 73, 90; Kuwert 90; Ganglbauer 04; Zaitzev 08; d'Orchymont 16

## HYDRÆNINÆ

**Ochthebius** Leach 15-95

- |                              |                |                            |                                  |               |
|------------------------------|----------------|----------------------------|----------------------------------|---------------|
| *                            |                | <b>Ochthebius</b> Leach    | 2721. attritus Lec. 78-380       | Fla.          |
| 2712. benefossus Lec. 78-381 | Vt. N.J.       |                            | simplex Lec. 78-380              |               |
| **                           |                |                            | 22. costipennis Fall 01-214      | So.Cal.       |
| 13. rectus Lec. 78-379       | Cal. Wy.       |                            | 23. lineatus Lec. 51-211         | Cal.Ariz.Tex. |
| 14. puncticollis Lec. 51-210 | Cal. Ariz.     |                            | 24. sculptus Lec. 78-381         | Can.Cal.Ariz. |
| 15. discretus Lec. 78-379    | Can.Ariz.Cal.  |                            | 25. wickhami Fall 01-213         | Ariz.         |
| 16. nitidus Lec. 50-217      | L.Sup. Or.     |                            | 26. holmbergi Mann. 53-166       | Can.Alas.Cal. |
| fossatus Lec. 55-362         | [So.Cal.Ariz.  |                            | *****                            |               |
| ***                          |                |                            | 27. putnamensis Blatch.10-253    | Ind.          |
| 17. cribricollis Lec. 50-217 | L.Sup. Cal.    |                            | (Prionochthebius Kuw ?) 87-387   |               |
| ****                         |                |                            | 28. lapidicolus VanD. 18-306     | Cal.          |
| 18. tuberculatus Lec. 78-380 | Pa. Fla. N.    | <b>Hydræna</b> Kug. 94-579 |                                  |               |
| foveicollis Lec. 78-381      | [Mex.          |                            | 2729. pennsylvanica Kies. 49-166 | N.Y.Ind.So.   |
| 19. lævipennis Lec. 78-381   | Cal.           |                            |                                  | Cal. Ct.      |
| *****                        |                |                            | 30. punctata Lec. 55-362         | Pa.           |
| 20. interruptus Lec. 51-21   | Wy. Cal. Ariz. |                            | 31. marginicollis Kies. 49-177   | La. Fla.      |



## HYDROSCAPHINÆ

Böving 14

**Hydroscapha** Lec. 74-452732. *natans* Lec. 74-46

So. Cal. Ariz.

## LIMNEBIINÆ

**Limnebius** Leach 15-96( *Limnocharis* Horn 72-144)2733. *piceus* (Horn) 72-144 Cal.*politus* (Csy.) 86-168 Cal.34. *angustulus* (Csy.) 86-168 Tex.**Limnebius** Leach2735. *alutaceus* (Csy.) 86-168 Cal.36. *congener* (Csy.) 86-170 Cal.37. *discolor* Csy. 00-52 Vt.38. *coniciventris* (Csy.) 86-171 Tex.

## HELOPHORINÆ

**Helophorus** Fab. 75-66

\*

2739. *tuberculatus* Gyll. 08-129 L. Sup. Ind.*scaber* Lec. 50-218

\*\*

40. *inquinatus* Mann. 52-243 Alas. L. Sup.*consimilis* Mann. 53-164 [Lab.]

\*\*\*

41. *fortis* Lec. 66-366 Cal.42. *oblongus* Lec. 50-217 L. Sup.43. *lacustris* Lec. 50-217 L. Sup. Ind.44. *obscurus* Lec. 51-210 Cal.45. *nitidulus* Lec. 55-357 L. Sup. Ind.**Helophorus** Fab.2746. *linearis* Lec. 55-357 Wy. Ind. Mich.? *pusillus* Mots. 60-106 N. C. [Nev.]47. *angustulus* Mann. 53-165 Alas.*alternatus* Lec. 61-341 Cal.48. *granularis* (L.) 61-214 Eur. N. Am.49. *obsoletesulcatus* Mots. 60-106

N. Y. Pa.

50. *lineatus* Say 23-200 Conn. Ind.

Lab. Nfld.

? *pallens* Csy. 84-81 Ariz.? *ventralis* Mots. 60-105 N. Y.51. *auricollis* Esch. 22-43 Alas.

## EPIMETOPINÆ

**Epimetopus** Lac. 54-467( *Ceratoderus* || Muls. 51-1)( *Sepidulum* Lec. 74-47)**Epimetopus** Lac.2752. *costatum* (Lec.) 74-47 Tex.53. *thermarum* Sz. & Barber 17-130 Ariz.

## HYDROCHINÆ

**Hydrochus** Leach 17-1902754. *scabratus* Muls. 44-373 L. Sup. to So.*gibbosus* Melsh. 44-99 Pa [St.]55. *callosus* Lec. 55-359 La.56. *foveatus* Hald. 53-375 Tex. Fla.57. *rugosus* Muls. 44-373 M. St. Fla.*grandis* Mots. 60-104 La. Fla. Ind.58. *inæqualis* Lec. 55-359 La. Ind. Conn.59. *excavatus* Lec. 55-360**Hydrochus** Leach2760. *rufipes* Melsh. 44-101 M. S. St. L. Sup.61. *subcupreus* Rand. 38-40 Mass. Ind.62. *granulatus* Blatch. 10-253 Ind.63. *variolatus* Lec. 51-211 Cal.64. *squamifer* Lec. 55-359 L. Sup. Ind.65. *impressus* Zimm. 69-249 N. C.66. *vagus* Lec. 51-211 Cal.67. *simplex* Lec. 55-361 La. Fla.

## HYDROPHILINÆ

## BEROSINI

**Berosus** Leach 17-92

\*

( *Enoplurus* Hope 38-128)2768. ? *maculosus* Mann. 53-167 Russ. A.*tesselatus* Mots. 59-18069. *punctatissimus* Lec. 51-211 Cal. Ariz.70. *salvini* Shp. 82-79 Mex.71. *miles* Lec. 55-363 Tex. Ariz.

L. Cal.

72. *pugnax* Lec. 63-24 La. Ill. Mo.73. *emarginatus* Horn 73-120 Tex. [Fla.]

\*\*

( *Berosus* s. str.)74. *aculeatus* Lec. 55-363 N. C. Fla.75. *subsignatus* Lec. 55-364 Tex. So. Cal.76. *pantherinus* Lec. 55-364 Ill. Ind.77. *peregrinus* (Hbst.) 97-314 Midd. & So. St.*auritus* Melsh 44-100 [Fla. Ind.]**Berosus** Leach2778. *immaculatus* Zimm. 69-249 N. C.-Ill.-Mo.79. *moerens* Shp. 82-84 L. Cal. Mex.80. *exilis* Lec. 51-211 Ariz.81. *exiguus* (Say) 25-189 Fla. Pa.-La.82. *pallescens* Lec. 55-366 N. Y.83. *infuscatus* Lec. 55-365 Midd. & So. St.*punctulatus* || Lec. 51-211 Cal. [Fla.]*californicus* Mots. 59-179 Colo. Cal. Ariz.84. *striatus* (Say) 25-188 Middle States*fraternus* Lec. 55-366 [Ind. Fla.]*ordinatus* Lec. 55-365 N. Y.85. *rugulosus* Horn 73-124 Ariz. L. Cal.86. *styliferus* Horn 73-121 Colo.87. *salinus* Fall 01-215 So. Cal.**Derallus** Shp. 82-772788. *altus* (Lec.) 55-366 La.

## HYDROPHILINI

Sharp, 83, 91

**Hydrous** Dahl 75-7

(Stethorus Bedel 92-307)

2789. triangularis (Say) 23-201 N.Y.-Tex. Cal.

Conn. Mich. [Ind.]

lugubris Mots. 45-31

tristis (Mots.) 59-174

subsulcatus Lec. 55-221

90. ater Oliv. 92-125

So.States.

91. insularis Cast. 40-50

Tex. So.Cal.

**Dibolocelus** Regimb. 01-192

2792. ovalis Ziegl. 44-45

N.Y. Pa. Fla.

Conn. Ind.

**Hydrophilus** DeG. 74-371

(Hydrocharis Hope 38-125)

2793. castus Say 35-170

La. Fla.

94. rickseckeri (Horn) 95-233

Cal.

95. obtusatus Say 23-201

Conn. Mich.

grandis Zimm. 69-250

S.C. [Ind.]

96. lineatus Lec. 55-369

Ariz. L.Cal.

glaucus Lec. 61-341

So.Cal.

substriatus Lec. 63-18

**Tropisternus** Sol. 34-308

2797. striolatus (Lec.) 55-368

So.States Ind. Fla.

98. dorsalis Brullé 38-57

L.Cal. Ariz.

99. apicipalpis (Chev.) 34-54

L.Cal.

2800. nitens Cast. 40-54

L.Cal.

01. ellipticus (Lec.) 55-368

L.Cal. Ariz.

02. sublævis (Lec.) 55-368

Neb. Ga. Fla.

quadristriatus Horn 71-331

[Ind.]

03. salsamentus Fall 01-214

So.Cal.

04. californicus (Lec.) 55-367

Cal.

05. glaber (Hbst.) 97-298

N.Y. L.Sup.

06. mixtus (Lec.) 55-368

N.Y. Ind. Fla.

07. lateralis (Fabr.) 75-228

N.Y.-Tex.

nimbatu (Say) 23-203

L.Cal. Fla.

lateralis || Hbst. 97-296

Fla. Mich. [Conn.]

limbalis (Lec.) 55-367

marginatus Mots. 59-176

humeralis Mots. 59-176

binotatus Walk. 66-318

## HYDROBIINI

**Hydrobius** Leach 15-96

2808. fuscipes L. 58-411

Eur. Lab.

Conn. Mich.

insculptus Lec. 55-372

N.Y. [Ind.]

regularis Lec. 55-372

Vt.

seriatus Lec. 55-372

Cal.

09. tumidus Lec. 55-372

N.Y.-Fla. Ind.

10. globosus (Say) 24-276

N.Eng. Ind.

melænum Germ. 24-96

11. latus Horn 73-133

Cal.

12. scabrosus Horn 73-133

Pac.Coast.

(Sperchopsis Lec. 62-47)

13. tessellatus Zimm. 44-44

Can.-Fla.

**Anacæna** Thom. 59-18

2814. infuscata (Mots.) 59-177

L.Sup. Cal. N.

Mex. Nfld.

feminalis (Lec.) 78-597

[Ind.]

castanea (Lec.) 78-597

**Paracymus** Thom. 67-120

(Cryniphilus Mots. 45-32)

(Creniphilus Horn ex parte)

2815. dissimilis (Horn) 73-136

Or. Col.

16. moratus (Horn) 90-271

Ut.

17. suturalis (Lec.) 66-366

Md. Ga. L. Cal.

Fla.

18. despectus (Lec.) 63-25

Mass.-Ill. Fla.

Ind.

19. subcupreus (Say) 25-189

Can. Or. Ariz.

Tex. Ind.

20. elegans (Fall) 01-218

So. Cal.

21. lodingi (Fall) 10-98

Ala.

22. ellipsis (Fall) 10-99

Ariz.

a. nanus (Fall) 10-99

Fla.

23. reductus (Fall) 10-99

Fla.

24. degener (Horn) 90-273

Fla.

25. digestus (Lec.) 55-373

Can. N. Mex.

26. rufiventris (Horn) 73-135

Or. Wash.

So. Cal.

**Crenitis** Bedel 81-306

2827. monticola (Horn) 90-271

N. H. Pa.

**Helochares** Muls. 44-379

(Hydrocombis Sharp) 82-70

2828. maculicollis Muls. 44-379

Ill. La. Ind. L.

Cal. Fla.

**Chasmogenus** Shp. 82-73

2829. normatus (Lec.) 61-341

Ariz. So. Cal.

**Enochrus** Thoms. 59-18

(Philhydrus || Sol. 34-315)

\*

2830. carinatus (Lec.) 55-370

Or. So. Cal.

31. conjunctus (Fall) 01-217

Cal.

32. fucatus (Horn) 73-127

Ut. Ariz.

33. cuspidatus (Lec.) 78-597

Cal.

\*\*

34. nebulosus (Say) 24-277

Can. Tex. Ariz.

maculifrons (Mots.) 59-179

[Cal. Fla. Ind.]

a. cristatus (Lec.) 55-370

Cal.

latiusculus (Mots.) 59-178

Cal.

pectoralis (Lec.) 55-370

Cal.

?melanocephalus (Kby.) 37-120

Can.

obtusiusculus (Mots.) 59-179

Cal.

35. ochraceus (Melsh.) 44-101

Mass.-Fla.

simplex (Lec.) 63-24

[Ind.]

36. perplexus (Lec.) 55-371

N.Y.-Cal. Fla.

fuscus (Mots.) 59-178

Cal.

37. cinctus (Say) 24-276

[Ind.]

limbalis (Melsh.) 44-101

Can. Ga. Kans.

38. consors (Lec.) 63-24

[Fla. Pa. Ind.]

39. estriatus (Blatch.) 17-139

N.J. La. Fla.

40. californicus (Horn) 90-248

Fla.

latiusculus (|| Horn) 73-130

Cal.

41. hamiltoni (Horn) 90-249

Can. N.J.

42. diffusus (Lec.) 55-371

Cal. (?) Ind.

43. reflexipennis (Zimm.) 69-250

Nebr. Cal.

angustulus (Csy.) 84-83

(Fla.?)

N.J. Del. Conn.

N.J.

**Cymbiodyta** Bedel 80-307

2844. punctatostriata (Horn) 73-131 Cal.  
 45. fraterculus Shp. 82-71 Ariz. Mex.  
 46. dorsalis (Mots.) 59-177 So. Cal.  
 47. morata Horn 90-256 N. Mex.  
 48. imbellis (Lec.) 61-341 Cal. N. Mex.  
 49. rotunda (Say) 25-188 Midd. St. Ga.  
     nitens (Zimm.) 69-250 N. C.  
 50. fimbriata (Melsh.) 44-101 Fla. Pa. Nfld.  
     semistriatus (Zimm.) 69-250  
 51. blanchardi Horn 90-258 Vt. D. C. Ind.  
 52. lacustris (Lec.) 55-369 Can. Mass.  
     marginella (|| Kby.) 37-120 [L. Sup.]

**Helocombus** Horn 90-259

2853. bifidus (Lec.) 55-371 Lab. Can.-Ga.  
     Fla. Ind.  
**Laccobius** Er. 37-202  
 2854. agilis Rand. 38-19 Me. L. Sup.  
     Kans.  
     punctatus Melsh. 44-100 Ind. Pa. Nfld.  
     55. ellipticus Lec. 55-363 Ariz. Cal.  
     L. Cal.  
**Helobata** Berg. 88-222  
     (*Helopeltis* || Horn 73-137)  
     (*Helopeltina* Ckll. 06-240)  
 2856. larvalis (Horn) 73-137 La.-Mex.-  
     Cuba, Fla.

## CHÆTARTHRIINI

**Chætarthria** Steph. 32-401  
(*Cyllidium* Er. 37-211)

2857. nigrella (Lec.) 61-342 Cal.  
 58. minor Fall 01-216 So. Cal.

**Chætarthria** Steph.

2859. atra (Lec.) 63-24 N. Y. Conn.  
     Ind.  
 60. pallida (Lec.) 61-342 L. Sup. Cal.  
     nigriceps (Lec.) 61-342 L. Sup. [Fla.]

## SPHÆRIDIINÆ

Horn 90-279

**Dactylosternum** Woll. 54-99

- (*Cyclonotum* † auct. nec Er.)  
 2861. abdominale (Fab.) 92-79 N. C.-Fla.  
 62. cacti (Lec.) 55-373 Cal. Ariz.  
 63. advectum Horn 90-284 Fla.

**Phænonotum** Shp. 82-97

2864. estriatum (Say) 35-171 Md. Tex. Fla.  
 65. semiglobosum (Zimm.) 69-250 [Ind.  
     Fla.]

**Phænotypus** Horn 90-285

2866. palmarum Schwarz 78-355 Fla.

**Sphæridium** Fabr. 75-66

2867. scarabæoides (L.) 58-356 † Eur. N. A.  
 68. bipustulatum Fabr. 81-78 † Eur. N. A.  
     a. quadrimaculatum Marsh. 02-66 Eur. N. A.

**Cercyon** Leach 17-95 Horn 90-288

- \*  
 2869. littoralis (Gyll.) 08-111 Eur. Atl.  
     Coast, Nfld.  
 \*\*  
 70. depressus Steph. 29-138 Eur. N. A.  
     (Coast) Conn.  
 \*\*\*  
 71. fimbriatus Mann. 52-344 Pac. Coast.  
     Alas.  
 72. luniger Mann. 53-168 Pac. Coast.  
 73. unipunctatus (L.) 58-364 Eur. N. A.  
 74. quisquilius (L.) 61-138 Eur. N. A.  
 75. ocellatus (Say) 25-191 Can. Ill. Ind.  
     (occalatum err. typ.)  
 76. prætextatus (Say) 25-190 Ind. Can.  
     Kans. Fla.  
 77. marinus Thoms. 53-54 Eur. N. A.  
 78. fulvipennis Mann. 52-343 Pac. Coast.  
     Alas.  
 79. lateralis (Marsh.) 02-69 Eur. N. A.  
     limbatus Mann. 43-260 Pac. Coast.  
 80. indistinctus Horn 90-297 Can.-Pa.

**Cercyon** Leach

2881. adumbratus Mann. 43-260 Pac. Coast.  
 82. variegatus Shp. 82-107 La. Fla.  
 83. hæmorrhoidalis (Fabr.) 75-67 Eur. Nfld.  
     flavipes (Fabr.) 92-81 [Conn. Ind.]  
     nigricollis (Say) 25-190  
 84. melanocephalus (L.) 58-356 Eur. N. A. Ind.  
     nanus Melsh. 44-102  
 85. pygmæus (Illig.) 01-40 Eur. N. A. Nfld.  
     apicalis Say 23-204 [Conn. Ind.]  
     (apicialis err. typ.)  
 86. nigriceps (Marsh.) 02-72 Eur. N. A.  
     So. Cal. Can.  
     Fla. La. Ind.  
     centrimaculatus Sturm 07-23  
     mundus Melsh. 44-101  
 87. convexiusculus Steph. 29-146 Eur. N. A. Ind.  
     lugubris (Payk.) 98-59 [So. Cal. Alas.]  
 88. tristis (Illig.) 01-39 Eur. N. A. Ind.  
     minutus (Gyll.) 08-110  
 89. rufescens Horn 95-233 L. Cal.  
 90. floridanus Horn 90-303 Fla.  
 91. granarius Er. 37-221 Eur. N. A.  
     minusculum Melsh. 44-102 [Pa. Nfld.]  
 92. navicularis Zimm. 69-250 Can.-La. Cal.  
     Ind.  
 \*\*\*\*  
 93. analis Payk. 98-187 Eur. N. A. Fla.  
     maculatus Melsh. 44-101 [Pa. Ind.]

**Oosternum** Sharp 82-112

2894. costatum Sharp 82-113 Fla. Cuba,  
     Mex. C. A.  
 94½. pubescens Lec. 55-374 Midd. St. Ind.

**Pelosoma** Muls. 44-184

2895. capillatum Lec. 55-374 Ariz. Tex.

**Pemelus** Horn 90-309

2896. costatus (Lec.) 55-374 D. C. Tenn.

† Introduced.



**Megasternum** Muls. 44-187

2897. posticatum Mann. 52-354 Pac. Coast.  
98. punctulatum Horn 90-309 La. [Alas.]

**Cryptopleurum** Muls. 44-188

2899. minutum (Fabr.) 92-68 Eur.N.A.Ind.  
atomarium (|| Oliv.) 90-15  
vagans Lec. 55-375 L.Sup.

**Cryptopleurum** Muls.

2900. americanum Horn 90-311 Ohio, Ind.  
01. cerei Schwarz 99-8 Ariz.

(Cybocephalus ‡)

- ?unicolor (Mots.) 45-364 Sitka.

## STAPHYLINOIDEA

## PLATYPSYLLIDÆ

(Achreioptera Westw.)

Ritsema 69; Leconte 72, 83; Everts 98; Ganglbauer 99; Sharp 01; Desneux 06; Reitter 84, 09;  
Csiki 10; Seidlitz 89; Horn 82; Westwood 69, 74; Kolbe 86; Riley 88; Bonheure 84

**Platypsyllus** Rits. 69-23

2902. castoris Rits. 69-23 Eur.&Tex.  
castorinus Westw. 69-119 [Dak.Cal.Alas.]

## BRATHINIDÆ

Leconte 61; Casey 87

**Brathinus** Lec. 52-156

2903. nitidus Lec. 52-157 Nfld. N.S.-  
04. varicornis Lec. 52-157 N.Y. [L.Sup.]

**Brathinus** Lec.

2905. californicus Hub. 93-11 Cal.

## LEPTINIDÆ

**Leptinus** Müll. 17-266

2906. testaceus Müll. 17-268 Eur.  
americanus Lec. 66-367 Ia. O. Pa.  
D.C. B.C.

**Leptinillus** Horn 82-113

2907. validus (Horn) 72-145 H.B.T.  
08. aplodontiæ Ferris 18-125 Cal.

## SILPHIDÆ

Leconte 53; Horn 80

## SILPHINI

**Necrophorus** Fab. 75-71

2909. carolinus (L.) 71-530 Gulf St. Fla.  
mediatus Fab. 01-334 [N.Mex.]  
10. mysticallis Ang. 12-307 Ariz.  
11. americanus (Oliv.) 90-10 Ind. Atl. St.  
grandis Fab. 92-247 Conn.-Tex.  
virginicus Fröl. 92-123 Ind. No. Atl.  
12. sayi Lap. 35-2 lunatus || Lec. 53-277 [St.]  
luniger G. & H.  
13. orbicollis Say 25-177 Ind. H.B.T.-  
Fla. L.Sup. [Conn.]  
halli Kby. 37-98 Ind. U.S.&  
quadrisignatus Lap. 35-1 Can. Conn.  
14. marginatus Fab. 01-334 So. Cal. Ariz.  
H.B.T.-Ut.  
15. obscurus Kby. 37-97 [L.Sup.]  
melsheimeri ‡ Lec. 53-275 Alas. Colo.-  
16. guttula Mots. 45-53 [So. Cal. Ariz.]  
a. hecate Bland 65-382 Cal.  
17. grandior Ang. 12-307

**Necrophorus** Fab.

2918. pustulatus Herschel 07-271 N. Eng.-Tex.  
bicolon Newm. 38-385 [Ind.]  
tardus Mann. 53-170  
a. melsheimeri Kby. 37-97 Colo.-Alas.  
maritimus Mann. 43-251 Vanc. Ariz.  
infodiens Mann. 53-170 Alas.  
pollinator Mann. 53-169 Alas.  
confossor Lec. 54-20  
labiatus Mots. 60-126 Alas.  
b. nigratus Mann. 43-251 So. Cal.-Tex.  
19. vespilloides Hbst. 84-32 Eur. Can. No.  
mortuorum Fab. 92-248 [St. Alas. Nfld.]  
pygmæus Kby. 37-98 [L.Sup.]  
hebes Kby. 37-96  
defodiens Mann. 46-513  
a. conversator Walker 66-320 Vanc.  
pollinator || Lec. 54-19 Atl. St. Ind.  
20. tomentosus Web. 01-47 [Conn.]  
velutinus Fab. 01-334

**Philas** Port. 03-331

2921. truncata (Say) 23-193 Kan. N.Mex.  
Ariz.

**Silpha** L. 58-569

2922. *surinamensis* Fab. 92-72 Ct.Atl.St.Ind.  
Kan.Tex.  
(*Thanatophilus* Leach) [L.Sup.  
23. *lapponica* Hbst. 93-269 Lab. W.Can.-  
Alas. So.Cal.  
caudata Say 23-192 [Ariz.  
tuberculata Germ. 24-81 Sib. No. Eur.  
californica Mann. 43-253.  
(*Silpha* L. s. str.)  
(*Peltis* Geoff.)  
(*Asbolus* Voet.)  
(*Pseudopelta* Voet.)  
(*Necrobora* Hope)  
(*Phosphyga* Leach)  
24. *trituberculata* Kby. 37-101 H.B.T. Alas.  
sagax Mann. 53-173 [Sib. Eur.  
25. *coloradensis* Wickh. 02-180 Colo.  
26. *inæqualis* Fab. 81-87 Fla.U.S.-Colo.  
Ind. L.Sup.  
Conn.  
27. *noveboracensis* Forst. 71-17 U.S.-Colo.Ind.  
marginalis Fab. 87-215 [Conn.  
marginata Kby. 37-100  
28. *americana* L. 59-570 H.B.T.-Tex.  
Ind. L.Sup.  
peltatus (Catesby) 71-fig. 7 [Conn. Fla.  
affinis Kby. 37-103  
terminatus Kby. 37-103  
canadensis Kby. 37-104

**Silpha** L.

2929. *ramosa* Say 23-193  
*cervaria* Mann. 43-252  
*ænescens* Csy. 86-171  
30. *opaca* L. 59-571  
(*Blitophaga* Reitter 97-211)  
31. *bituberosa* Lec. 59-6  
**Necrophilus** Latr. 29-500  
2932. *pettiti* Horn 80-243  
*subterraneus* † Horn 68-125  
33. *hydrophiloides* Mann. 43-253  
*ater* Mots. 45-363  
**Pelatines** Kll. 06-240  
(*Pelates* || Horn 80-244)  
2934. *latus* (Mann.) 52-331  
1 \_\_\_\_\_  
**Pteroloma** Gyll. 27-418  
2935. *forsstroemi* Gyll. 08-111  
36. *tenuicorne* (Lec.) 59-84  
37. *caraboides* Fall 07-235  
**Agyrtes** Fröl. 99-18  
2938. *longulus* (Lec.) 59-282
- Wis.-Ariz.-  
[So. Cal.]  
Cal.  
H.B.T. Cal.  
Sib.  
Kan. Wy.  
Mont.  
Can.-Ky. Ind.  
Alas.-Cal.  
Alas.-Wash.  
Alb.  
No. Eur.-Alas.  
Nev.-Wash.  
Wash.-So. Cal.  
So. & No. Cal.-  
Vanc. Alas.

## LYROSOMINI

**Lyrosoma** Mann. 53-174

2939. opacum Mann. 53-175      Alas. Sib.

# PINODYTINI

## Pinodytes Horn 80-248

- (*Homæosoma* ‡ Austin 80-16)  
2940. *hamiltoni* Horn 92-45 Pa.  
41. *pusio* Horn 92-45 Cal.

## Pinodytes Horn

2942. cryptophagoides (Mann.) 52-333  
Alas. D.C.  
So. Cal.

## CHOLEVINI

## Platycholeus Horn 80-254

- |                               |           |
|-------------------------------|-----------|
| 2943. leptinoides (Cr.) 74-77 | Cal. Nev. |
| 44. opacellus Fall 09-133     | Cal.      |

## Catoptrichus Murr. 56-462

2945. frankenhæuseri (Mann.) 52-332  
Alas.

## Choleva Latr. 96-114

- (*Catops* ‡ auct. nec Payk.)
2946. *egena* Horn 80-257 Alas.
47. *luridipennis* (Mann.) 53-176 N.Eng.-Or.-  
Alas. Lab.
48. *alsiosa* Horn 85-136 Man. Alas.  
Ky. Ind.
49. *gratiosa* Blanch. 15-294 Me. Pa.
50. *simplex* (Say) 25-184 Ind. Atl. St.
51. *basillaris* (Say) 23-194 Alas.-M.St.  
*cadaverinus* (Mann.) 43-254 [Ind.  
*brunnipennis* (Mann.) 53-176 L.Sup.  
*?spenciana* Kby. 37-108
52. *clavicornis* (Lec.) 53-281 Ct. Mich. M.St.  
Tex. Ind.
53. *horniana* Blanch. 15-294 Mass.-Pa.
54. *decipiens* Horn 80-259 Wash.
55. *terminans* (Lec.) 50-218 Can. Va. Ill.  
Ind. Nfld.  
L.Sup.

## Echinocoleus Horn 85-136

2956. setiger Horn 85-136 Ariz.

## Prionochæta Horn 80-260

2957. opaca (Say) 25-184      Can. Pa. O.  
Ind. L.Sup.

**Ptomaphagus** Illiger 98-88

- |                                 |                               |
|---------------------------------|-------------------------------|
| 2958. consobrinus (Lec.) 53-281 | Ind.Mich.Cal.<br>So.Cal. Fla. |
| lecontei Murr. 56-459           | [Conn.                        |
| 59. californicus (Lec.) 53-281  | Cal.                          |
| 60. fisus Horn 85-137           | Ariz. Cal.                    |
| 61. nevadicus Horn 80-263       | Nev.                          |
| 62. ulkei Horn 85-137           | D.C.                          |
| 63. oblitus (Lec.) 53-282       | Ga. Fla. Ind.                 |
| 64. pusio (Lec.) 59-282         | (L.Sup?) Cal.<br>Vanc.Ind.    |

(*Catopsimorphus* Aubé 50-324)

(*Catopomorphus* ‡ Austin)

- |                              |                    |
|------------------------------|--------------------|
| 65. parasitus (Lec.) 53-282  | N.Y.-D.C.          |
| 66. texanus Melander 02-328  | Tex.               |
| 67. brachyderus (Lec.) 63-25 | N.S.-N.Y.<br>Minn. |

\*

- 68.
- cavernicola*
- Sz. 98-58      Mo.

## Adelops Tellkampf 44-318

2969. *hirtus* Tellk. 44-318 Ky.

<sup>1</sup> The genera *Pteroloma* and *Agyrtes* are separated from *Silphini* by some authors.

**Colon** Hbst. 97-224

2970. bidentatum Sahlb. 17-95 † Mass. N.Y.  
Eur. Conn.  
71. paradoxum Horn 80-270 Pa. D.C.  
72. hubbardi Horn 80-270 Mich. Tenn.  
D.C.  
73. dentatum Lec. 53-282 N.Y. Pa.  
74. liebecki Wickh. 02-181 Colo. [L.Sup.  
75. celatum Horn 80-271 Nev. Cal.  
76. putum Horn 80-272 Pa. D.C.  
77. magnicolle Mann. 53-177 Alas.-Pa.  
L.Sup.

**Colon** Hbst.

2978. pusillum Horn 80-273 Md.-Colo.  
79. clavatum Mann. 53-178 Alas.-Colo.  
80. inerme Mann. 52-333 Alas.-Colo.  
81. thoracicum Horn 80-274 Mo. D.C.  
decoris Csy. 84-84 Pa.  
82. asperatum Horn 80-274 Can. D.C. Ill.  
83. oblongum Blatch. 10-283 Ind.  
84. nevadense Horn 80-275 Nev.

**ANISOTOMINÆ****Triarthron** Mærkel 40-141

2985. lecontei Horn 68-131 Or. Cal.  
cedonulli Schauf. 82-43  
86. pennsylvanicum Horn 83-284 Pa.

**Hydnobius** Schmidt 41-193

2987. matthewsi Cr. 74-74 Vanc. Wash.  
?pallidus (Say) 34-91 Mo.  
88. strigilatus Horn 80-281 Nev. Vanc.  
89. arizonensis Horn 85-138 Ariz.  
90. longulus Lec. 79-511 Colo.-B.C.  
longidens Lec. 79-511  
91. substriatus Lec. 63-25 N.S.-Colo.  
curvidens Lec. 79-511 L.Sup. Alas.?  
92. latidens Lec. 79-512 Can.-Colo.  
pumilus Lec. 79-511 [So. Cal.  
93. obtusus Lec. 79-511 Colo.-B.C.

**Anogdus** Lec. 66-369

2994. capitatus Lec. 66-369 Fla.  
95. dissimilis Blatch. 16-93 Fla.

**Anisotoma** Illiger 98-69

2996. alternata (Melsh.) 46-103 Ga.  
97. humeralis Horn 80-286 So. & No. Cal.  
Or.  
98. valida Horn 80-287 N.H.-Vanc.  
99. merkeliana Horn 95-234 Wash.  
3000. assimilis Lec. 50-221 N.H.-Vanc.  
01. punctatostriata (Kby.) 37-110 N.H.-Vanc.  
indistincta Lec. 50-221 [Ind.  
læta Mann. 53-201 Alas.  
02. difficilis Horn 80-288 Cal. So. Cal.  
03. collaris Lec. 50-221 N.H.-B.C.  
04. similis Fall 10-5 So. Cal.  
05. curvata Mann. 53-202 Cal. Wash.  
morula Lec. 59-282 [Alas.  
06. conferta Lec. 66-367 Ill. Pa.  
07. paludicola Cr. 74-74 Cal. So. Cal.  
08. strigata Lec. 50-221 L.Sup. Colo.  
B.C.  
09. obsoleta (Melsh.) 46-107 Atl.-Colo.-  
Tex. So. Cal.  
10. sculpturata Fall 10-6 Ariz.  
11. ecarinata Horn 80-292 Nev. Cal.  
12. antennata Fall 10-6 So. Cal.  
13. opacipennis Fall 10-5 Tex.  
— lateritia Mann. 52-245 Alas.

**Colenis** Er. 45-82

3014. impunctata Lec. 53-284 M.St. Fla. Ill.  
Ind. La.

**Cyrtusa** Er. 45-77

3015. picipennis (Lec.) 63-25 N.Y.-Vanc.  
Ind. So. Cal.  
16. blandissima Zimm. 69-250 N.C.-D.C.  
17. superans Fall 10-8 Mass. [Fla.  
18. egena Lec. 53-284 Mich.-Ga.  
impubis Zimm. 69-251 [Ind.

**Isoplastus** Horn 80-295

3019. fossor Horn 80-295 D.C. Mich.

**Stetholiodes** Fall 10-4

3020. laticollis Fall 10-4 Ind.

**Leiodes** Latr. 96-22

- (*Liodes* † auct.)  
3021. globosa (Lec.) 50-222 Atl. St.-Nev.  
Alb. L. Sup.  
a. bicolor Horn 80-297 [Conn.  
22. polita Lec. 53-285 Va. Ky. Ga.  
L. Sup.  
23. discolor Melsh. 46-103 Can.-Va. Ind.  
24. blanchardi Horn 80-298 Mass.  
25. obsoleta Horn 80-298 Can.-Va.  
26. basalis Lec. 53-285 M. St.-Ill. Ind.  
a. dichroa Lec. 53-285 Ind. [L. Sup.  
27. geminata Horn 80-299 Mass.-Ill.  
28. confusa Horn 80-299 Nev.

**Agathidium** Illiger 98-81

3029. oniscoides Beauv. 05-160 Can.-Ga.-Ill.  
piceum Melsh. 44-103 [Ind.  
globatile Lec. 78-598 L. Sup.  
30. exiguum Melsh. 44-103 Can.-Colo.  
Ind. Fla.  
ruficorne Lec. 50-222 [L. Sup. Conn.  
31. dentigerum Horn 80-303 Va. N.C.  
32. californicum Horn 80-303 Nev. Cal.  
Wash.  
33. virile Fall 01-219 So. Cal.  
34. revolvens Lec. 50-222 Can.-Vanc.  
So. Cal. Alas.  
35. sexstriatum Horn 80-303 Nev.  
36. bistriatum Horn 80-304 Nev. Cal.  
37. estriatum Horn 80-304 Colo.  
38. repentinum Horn 80-304 N.H.  
39. concinnum Mann. 52-370 So. Cal.-Alas.  
effluens Mann. 53-202 [Ariz.  
40. rotundulum Mann. 52-370 Alas.  
41. angulare Mann. 52-369 Alas. Colo.  
42. politum Lec. 66-370 Can.-Mo. Ind.  
parvulum Lec. 78-598 L. Sup.  
43. pulchrum Lec. 53-286 N.H. Ky. Cal.

† Introduced or circumpolar.



- Agathidium** Illiger  
 mandibulatum Mann. 53-203  
 3044. difforme (Lec.) 50-222 · N.H. L.Sup.  
**Aglyptinus** Ckll 06-240  
 (*Aglyptus* || Lec. 66-369)  
 (*Aglyptonotus* Champ. 13-65)  
 3045. lævis (Lec.) 53-234 Can.-La. Ind.

## CLAMBIDÆ

- Empelus** Lec. 62-52  
 3046. brunnipennis (Mann.) 52-369 Alas.  
**Clambus** Fischer 20-52  
 3047. gibbulus (Lec.) 50-222 Can.-Tex.Fla.  
 48. puberulus Lec. 63-26 Mass.-D.C.  
 Ind.  
**Clambus** Fischer  
 3049. seminulus Horn 80-313 Ariz.(So.Cal.?)  
 50. vulneratus Lec. 79-512 Colo.  
**Calypptomerus** Redt. 48-159  
 3051. oblongulus (Mann.) 53-203 Alas. Colo.

## SCYDMÆNIDÆ

Schaum 41; Müller & Kunze 22; Casey 97; Leconte 52

## SCYDMÆNINÆ

## LOPHIODERINI

- Lophioderus** Csy. 97-356  
 3052. biformis (Mäkl.) 52-330 Alas.  
 53. arcifer Csy. 97-359 Or. No. Cal.  
 54. atlanticus Schfr. 05-123 N.C.  
**Lophioderus** Csy.  
 3055. gracilis (Lec.) 52-155 Cal.  
 56. myops Csy. 97-361 Cal.  
 57. ovipennis Fall 12-10 Idaho.

## EUCONNINI

- Euconnus** Thoms. 62-88  
 (*Euconnus* Thoms. s. str.)  
 3058. ventralis Csy. 97-366 Mass. N.Y.  
 59. clavipes (Say) 24-272 Fla. Mass.-  
 pilosicollis (Lec.) 50-218 [L.Sup.Ind.  
 60. consobrinus (Lec.) 52-154 N.Y.  
 61. semiruber Csy. 97-368 Ill. Ind.  
 62. varicornis Csy. 97-369 Wy.  
 63. bicolor (Lec.) 52-154 Conn.  
 lecontei (Schauf.) 66-11 Mass. Ia.  
 (*Scopophus* Csy. 97-365)  
 64. cavipennis Csy. 97-371 Pa.  
 65. occultus Csy. 97-372 Ia.D.C. Ind.  
 66. similis Blatch. 10-295 Ind.  
 67. nigrescens Csy. 97-373 N.Y.  
 68. affinis Csy. 97-374 Pa.  
 69. gratus Csy. 97-375 N.C.  
 70. putus Csy. 97-376 Tex.  
 71. merus Csy. 97-377 Tex.  
 72. relucens Csy. 97-378 Fla.  
 — mississippicus (Zimm.) 69-251  
 (*Xestophus* Csy. 97-365)  
 73. salinator (Lec.) 52-154 N.Y.-Ia. Ind.  
 (*Psomophus* Csy. 97-366)  
 74. hædillus Csy. 97-380 R.I. [Conn.  
 75. fatuus (Lec.) 52-155 Mass. N.Y.  
 Can. Fla. Ind.  
 76. impotens Csy. 97-382 Tex.  
 77. callidus Csy. 97-383 Tex.  
 78. debilis Csy. 97-383 Mich.  
 79. capitatus Csy. 97-384 N.C.  
**Noctophus** Csy. 97-387  
 3081. schmitti Csy. 97-388 N.C.  
**Drastophus** Csy. 97-389  
 3082. lævicollis Csy. 97-389 Cal. B.C.  
**Connophron** Csy. 97-390  
 3083. repletum Csy. 97-399 Ark.  
 84. optatum Csy. 97-399 Fla.  
 85. longipenne Csy. 97-400 Ia.  
 86. acutipenne Csy. 97-401 Tex.  
 87. formale Csy. 97-402 Ia. Ind.  
 88. simulans Csy. 97-402 Tex.  
 89. schaumii (Lec.) 52-151 Ia.  
 magister (Lec.) 63-21 Fla.  
 90. flavitarse (Lec.) 52-152 N.Y. Mich.  
 Ind.  
 91. orcophilum Csy. 97-405 Pa. Conn.  
 92. longicorne Csy. 97-406 Tex.  
 93. rubrum Csy. 97-406 Tex.  
 94. dentiger Csy. 97-407 Ia.  
 95. extricatum Csy. 97-408 Fla.  
 96. ludificans Csy. 97-409 Ia.  
 97. gaudens Csy. 97-410 Can.  
 98. nigripenne Csy. 97-410 Ia.  
 99. fossiger (Lec.) 52-152 Mass.-N.C.-  
 Colo.Fla. Ind.  
 3100. novellum Csy. 97-412 Miss.  
 01. brevicorne (Say) 24-273 Pa. Fla.  
 02. tenebrosum Csy. 97-414 R.I. Mass.  
 03. femorale Csy. 97-414 Ia. Mich.  
 04. procerum Csy. 97-415 Fla.  
 05. clongatum Csy. 97-416 Fla.  
 06. clavicorne Csy. 97-417 N.Y. Pa. Ia.  
 brevicornis (Lec. nec Say) 52-153 [Ind.  
 07. abducens Csy. 97-418 Pa. Ind.  
 08. luteipes Csy. 97-418 Pa.

**Connophron** Csy.

3109. lætulum Csy. 97-419 N.Y.  
 10. furtivum Csy. 97-420 No. Ill.  
 11. comptum Csy. 97-421 Pa.  
 12. humile Csy. 97-421 D.C.  
 13. pallidum Csy. 97-422 Pa.  
 14. angusticollis Csy. 97-423 Tex.  
 15. frontale Csy. 97-423 R.I.  
 16. frustum Csy. 97-424 Fla.  
 17. integrum Csy. 97-425 O. Ill. Ind.  
 18. occidens Csy. 97-426 Cal. So. Cal.  
 19. anale (Lec.) 52-153 La. Tex. Fla.  
 20. ventricosum Csy. 97-428 Tex. [L. Sup.  
 21. hirtellum (Lec.) 52-152 Ga. Ala.  
 22. decorum Csy. 97-430 Pa.  
 23. digressum Csy. 97-430 Cal. So. Cal.  
 24. setiger Csy. 97-431 Tex.  
 25. divisum (Sz.) 78-357 Fla.  
 26. testaceipes Csy. 97-433 Pa.  
 27. inerme Csy. 97-434 Mass.  
 28. innocuum Csy. 97-434 Ill.  
 29. conifer Csy. 97-435 Fla.  
 30. castaneum Csy. 97-436 Pa.  
 31. triviale Csy. 97-437 Pa.  
 32. osculans Csy. 97-438 R.I.  
 33. pyramidale (Lec.) 63-167 Fla. Ala.  
 34. oregonense Csy. 97-439 Or.  
 35. nimbatum Csy. 97-440 R.I.  
 36. parcum Csy. 97-441 Pa.  
 37. clavatum (Lec.) 52-153 Ga. Fla. Ind.  
 ?obscurellus (Lec.) 52-153 Ga.  
 38. decipiens Csy. 97-443 Tex.  
 39. biceps Csy. 97-443 Pa.

**Connophron** Csy.

3140. caviceps Csy. 97-444 Pa.  
 41. gravidus (Lec.) 52-155 La.  
 42. trifer Csy. 97-445 R.I.-D.C.  
 43. debilitans Csy. 97-446 Pa. Ind.  
 44. trifidum Csy. 97-447 Wis.  
 45. fulvum (Lec.) 52-155 N.Y.-No. Ga.  
 46. repugnans Csy. 97-449 L. Sup. Ind.  
 47. calcaratum Csy. 97-450 Tex.  
 48. bifidum Csy. 97-451 S.W. Va.  
 49. mutilans Csy. 97-452 Pa.  
 50. capillosulum (Lec.) 52-152 Pa.  
 51. proximum Csy. 97-453 Mass.-D.C.  
 52. illustre Csy. 97-454 Fla. Ind.  
 53. lynceum Csy. 97-455 Tex.  
 54. basale (Lec.) 52-152 Iowa.  
 55. politum (Say) 25-245 N.Y.  
 56. longipilosum Csy. 97-458 Ga. La. Fla.  
 57. lacunosum Csy. 97-459 No. Ill.  
 58. filitarse Csy. 97-460 Pa.  
 59. atrum Csy. 97-461 Pa. Conn.  
 60. pertinax Csy. 97-462 N.C.  
 61. pallidipes Csy. 97-462 Pa.  
 62. nigrum Csy. 97-463 Mich.  
 63. paganum Csy. 97-464 Pa.  
 64. limatum Csy. 97-465 R.I.  
 65. pumilum Csy. 97-466 N.Y. Can. Ia.

**Smicrophus** Csy. 97-467

3166. leviceps Csy. 97-467 Iowa.  
 67. evanescens Csy. 97-468 Fla.

## SCYDMÆNINI

**Scydmænus** Latr. 02-281

- (*Scydmænus* Latr. s. str.)  
 3168. perforatus Schaum 41-9 Mass.-Ia.  
 69. badius Csy. 97-475 Pa. Va. Can.  
 70. conjux Csy. 97-476 Ia. [Ind.  
 71. cribrarius Lec. 52-151 N.C.-Ga.  
 72. turbatus Csy. 97-478 Pa.  
 73. puncticeps Csy. 97-479 N.C.  
 74. sculpticeps Csy. 97-479 Tex.  
 75. ovipennis Csy. 97-480 Cal. So. Cal.  
 76. sparsus Lec. 52-151 Cal. (Fla.?)  
 cautus Lec. mss.  
 (Brachycephalus Bndl. 89-193)  
 77. pacificus Csy. 97-482 Cal.  
 78. subpunctatus Lec. 52-150 L. Sup.  
 ?mariae Lec. 52-151 Mich.

**Scydmænus** Latr.

3179. tristis Csy. 97-484 Colo.  
 80. fuchsi Bndl. 89-193 Cal.  
 81. pubipennis Csy. 97-486 Pa.  
 (Parascydmus Csy. 97-473)  
 82. ventriculus Csy. 97-487 Mass.  
 83. corpusculum Csy. 97-488 Can. Pa.  
 84. caducus Csy. 97-488 Pa.  
 85. exiguus Csy. 97-489 Pa.  
 (Taphroscydmus Csy. 97-473)  
 86. californicus Mots. 45-48 Alas.

**Catalinus** Csy. 97-492

3187. angustus (Lec.) 52-151 Cal.

## OPRESINI

**Opresus** Csy. 97-494

3188. miscellus (Lec.) 52-155 Ga. La.  
 ?minimus (Bndl.) 89-193  
 89. luteus Csy. 97-495 Pa.  
 90. atomus Csy. 97-496 Pa.  
 \*  
 91. ovithorax (Bndl.) 93-283 Cal.

**Delius** Csy. 97-497

3192. robustulus Csy. 97-497 Pa.

**Neladius** Csy. 97-498

3193. tenuis Csy. 97-499 Pa.

## CEPHENNIINI

**Cephennium** Müller & Kunze 22-12

3194. corporosum Lec. 52-150 N.Y. Ind.  
 95. virginicum Csy. 97-503 Va.  
 \*

**Cephennium** Müller & Kunze

3196. anophthalmicum Bndl. 89-194  
 \*\* Cal.  
 97. breve Schauf. 87-319 N. Am.

## ASCYDMINI

**Ascydmus** Csy. 97-505  
3198. tener Csy. 97-506 Pa.

## EUTHEIINI

**Eutheia** Steph. 30-115  
3199. americana Csy. 97-508 Pa.

**Veraphis** Csy. 97-509  
3200. impressa (Lec.) 79-513 Cal.  
01. longula (Lec.) 79-513 Colo.  
02. cavicornis Csy. 97-511 Ut.  
03. capitata Csy. 97-512 Pa.

**Veraphis** Csy.  
3204. scitula (Mäkl.) 52-330 Alas. L.Sup.  
05. cristata (Bndl.) 93-284 Pa.  
06. colon (Horn) 68-131 Ariz. So.Cal.

**Euthiodes** Bndl. 93-283  
3207. latus Bndl. 93-283 Ia.

## CHEVROLATHINI

**Chevrolatia** Duval 50-45  
3208. amœna Lec. 66-370 N.Y.-Ga.Fla.

## LEPTOSCYDMINI

**Leptoscydmus** Csy. 97-518  
3209. caseyi (Bndl.) 93-282 Pa.  
10. cavifrons Csy. 97-520 Pa.

## EUMICRINI

**Eumicrus** Lap. 40-209  
(*Microstemma* Mots.)  
3211. grossus (Lec.) 63-26 Fla. La. Ark.  
12. occipitalis Csy. 97-526 S.C.  
13. vestalis Csy. 84d-85 Ariz.  
14. foveatus Csy. 97-528 Tenn.  
15. quadriceps Csy. 97-529 Ariz.  
16. motschulskii (Lec.) 63-26 Fla. La. Ill.  
S.C. Ind.  
L.Cal. Ariz.  
17. lucanus Horn 95-235 Fla.  
18. floridanus Csy. 97-530 Va.  
19. longicollis Csy. 97-531 Ill.  
20. ochreatus Csy. 97-532 Ill.  
cruralis Csy. 97-534 Ill.

**Eumicrus** Lap.  
3221. saginatus Csy. 97-533 Ia.

**Acholerops** Csy. 97-535  
(*Cholerus* † Thoms. 62-91)  
3222. zimmermanni (Schaum) 41-26 Mich. Pa. Ga.  
[Ind.]  
punctatus (Csy.) 84-86  
23. retrusa Csy. 97-537 Pa.

**Ceramphis** Csy. 97-538  
3224. deformata (Horn) 85-138 So.Cal. Ariz.

## CLIDICINÆ

**Papusus** Csy. 97-542  
3225. macer Csy. 97-544 Cal. So.Cal.

## ORTHOPERIDÆ (CORYLOPHIDÆ)

Leconte 52; Matthews 99; Casey 00; Csiki 10

## CORYLOPHINI

**Bathona** Csy. 00-61  
3226. carolinæ Csy. 00-62 N.C.  
27. virginica Csy. 00-62 Va.  
28. convexa Csy. 00-62 N.C.  
29. sphæricula Csy. 00-62 Pa.

**Corylophodes** Matth. 85-160  
3230. marginicollis (Lec.) 52-143 R.I.-N.C. Ind.  
31. impunctatus Csy. 00-63 Fla. [Fla.]  
32. subtropicus Csy. 00-63 Tex.

**Corylophodes** Matth.  
3233. schwarzi Matth. 99-149 So.Cal.

**Gronevus** Csy. 00-63  
3234. sticticus Csy. 00-64 Ia.  
35. fuscicornis Csy. 00-64 Can.  
36. truncatus (Lec.) 52-143 Mass.-N.J.  
Fla. Man.  
Ia. Neb. Ind.  
Va.

37. hesperus Csy. 00-64  
38. lævis Csy. 00-64

## ORTHOPERINI

**Rypobius** Lec. 52-142  
(*Rhypobius* G. & H. 76-3818)  
3239. marinus Lec. 52-142 R.I.-Va. Fla.  
40. minutus Csy. 00-65 Tex.

**Eutrilia** Csy. 00-65  
3241. brunnea Csy. 00-66 Cal.

**Orthoperus** Steph. 29-186  
3242. princeps Csy. 00-66 Colo.  
43. cribratus Matth. 99-183 Cal.  
44. glaber Lec. 52-142 N.J.-Fla. Ind.  
45. suturalis Lec. 52-142 Fla. L.Sup.  
46. texanus Csy. 00-67 Tex.  
47. micros Csy. 00-67 Ill. Ind.



**Orthoperus** Steph.

3248. arizonicus Csy. 00-67  
49. alutaccus Csy. 00-67

Ariz. So. Cal.  
Tex.

**Orthoperus** Steph.

3250. crotchii Matth. 99-184  
51. gracilipes Matth. 99-183

N. Am.  
N. Am. (?U.S.)

## SERICODERINI

**Sericoderus** Steph. 29-188

3252. lateralis (Gyll.) 27-516  
flavidus Lec. 52-143

Cosmop.  
Man. So. Cal.  
N.Y.-L. Sup.  
Fla.

**Sericoderus** Steph.

3253. obscurus Lec. 52-143  
54. subtilis Lec. 52-134  
55. quadratus Csy. 00-68  
56. debilis Csy. 00-69

Mass. N.Y.  
Pa. N.C., Ind.  
L. Sup.  
Fla. Tex. Ill.  
Cal.  
Cal.

## SACINI (PARMULINI)

**Sacium** Lec. 52-144

(*Clypeaster* Latr. ‡ 29-162)  
(*Parmulus* Harold 84-126)

3257. montanum Csy. 00-70

58. lugubre Lec. 52-144

59. nigrum Csy. 00-70

60. fuscum Harold 75-213  
obscurum Lec. 52-144

61. balteatum Matth. 99-43

62. hemipterum Horn 96-373

Colo.  
L. Sup. Man.  
Ut.  
L. Sup.

N.C.  
Cal. (Fla.?)

**Molamba** Csy. 00-71

3263. obesa Csy. 00-71

64. specularis Csy. 00-71

65. biguttata (Lec.) 79-152

66. lunata (Lec.) 52-144

67. parvula Csy. 00-71

68. lepida (Lec.) 52-144

Cal.  
Tex.  
Colo. Ut.  
Mass. Mo.  
Fla. Conn.  
Fla.  
Tex. Fla.

**Molamba** Csy.

3269. ornata Csy. 00-71

70. amabilis (Lec.) 52-144

71. fasciata (Say) 27-259

subfasciata (Guér.) 29-323

72. decora Csy. 00-72

Ia. Ind.  
So. Cal.  
D.C. Ind. Fla.  
[Conn. L. Sup.  
Tex.

**Arthrolips** Woll. 54-475

3273. nimius Csy. 00-72

a. robustulus Csy. 00-72

74. cinctus Csy. 00-73

75. mollinus (Sz.) 78-356

76. scitulus (Lec.) 52-145

77. splendens (Sz.) 78-357

78. decolor (Lec.) 52-145

californicus (Matth.) 99-45

79. misellus (Lec.) 52-145

80. sparsus Csy. 00-73

So. Cal.  
Cal.  
Va.  
Fla.  
So. Cal.  
Fla.  
So. Cal. Ia.  
Mass. Pa.  
Tex.

## AENIGMATICINI

**Ænigmaticum** Matth. 88-104

3281. californicum Csy. 89-144

Cal. So. Cal.

**Ænigmaticum** Matth.

3282. elongatum (Lec.) 78-399

ptilioides (Matth.) 87-105

Fla.  
C. Am.

## STAPHYLINIDÆ

Bernhauer & Schubert 10, 14; Casey 93, 16; Duvivier 83; Eichlbauer 09

## MICROPEPLINÆ

**Micropeplus** Latr. 09-377

3283. brunneus Mäkl. 52-326

84. cribratus Lec. 63-60

85. laticollis Mäkl. 53-199

86. marietti Duv. 59-82

87. obliquus Lec. 77-252

88. punctatus Lec. 63-26

costatus ‡ Mäkl. 52-325

Alas. Cal.  
Ga.  
Alas. Alb.  
B.C. Alas.  
B.C.  
Alas. So. Cal.

**Micropeplus** Latr.

3289. sculptus Lec. 63-60

90. tesserulus Curtis 40-204

costatus Lec. 50-221

Ga.  
Eur. & N. Am.  
N. Mex.  
L. Sup. Cal.  
Alas.

**Kalissus** Lec. 74-50

3291. nitidus Lec. 74-51

Vanc.

## OXYTELINÆ

## PIESTINI

*Trigonuri***Trigonurus** Muls. & Rey 47-515

3292. cælatus Lec. 74-48

93. crotchii Lec. 74-48

94. edwardsi Sharp 75-205

95. lecontei Sharp 75-205

96. rugosus Sharp 75-204

Cal.  
Cal. Vanc.  
Cal. So. Cal.  
Cal.  
Cal.

**Trigonurus** Muls. & Rey

3297. subcostatus Mäkl. 52-320

Alas.

*Piesti***Siagonium** Kby. 15-1

(*Prognatha* Latr. 29-439)

3298. americanum Melsh. 46-42

convergens Sachse 52-147

Pa. Ga. Nfld.

- Siagonium** Kby.  
3299. punctatum Lec. 66-376 Pa. Ariz.
- Hypotelus** Er. 40-840  
3300. capito Lec. 80-181 B.C. Tex.  
01. hostilis Fauv. 65-43 Fla. Mex.
- Piestus** Grav. 06-223  
3302. extimus Sharp 87-713 Mex. Ariz.  
03. erythropus Er. 40-834 (La.?) Mex. W.I.
- Eleusii*  
**Eumalus** Sharp 87-732  
3304. nigrella (Lec.) 63-59 Cal.  
a. canadensis (Horn) 71-299 Ont. Ohio.
- Triga** Fauv. 77-183  
3305. picipennis (Lec.) 63-59 Kan. Que.  
Mass. N.H.  
Ohio.
- Eleusis** Cast. 35-131  
(*Isomalus* Er. 40-838)  
3306. humilis Er. 40-839 Cal.  
fasciata Lec. 63-59 Ariz.
- Eleusis** Cast.  
3307. pallida Lec. 63-58 Pa. Ia. Col.  
N.Y. D.C.
- Lispini*  
**Ancæus** Fauv. 65-60  
(*Holotrochus* (pars) Sharp (76-387)  
3308. exiguus (Er.) 40-830 Cosm. Ind.  
rufescens (Lec.) 63-59 Fla.
- Lispinus** Er. 40-828  
3309. æquipunctatus Lec. 68-50 N.Mex.  
10. californicus Lec. 63-59 So. Cal.  
11. linearis Er. 40-829 N. Am. So. Cal.  
12. proluxus Lec. 77-250 N.Y.  
13. tenellus Er. 40-830 N. Am. Fla.  
tenuis Lec. 63-60 Fla.
- Thoracophori*  
**Thoracophorus** Mots. 37-98  
(*Glyptoma* Er. 40-908)  
3314. brevicristatus Horn 71-332 N. Am.  
15. costalis Er. 40-909 N. Am. Ind.  
Fla. So. Cal.  
Conn.

## PSEUDOPSISINI

- Pseudopsis** Newn. 34-313  
3316. detrita Fall 02-226 So. Cal.  
17. minuta Fall 02-226 So. Cal.  
18. oblitterata Lec. 79-511 Colo. So. Cal.
- Pseudopsis** Newn.  
3319. sulcata Newn. 34-314 Eur. & N. Am.  
columbica Fauv. 66-11 Can. Mich.  
L. Sup.

## PHLOEOCHARINI

- Olisthærus** Heer 42-183  
3320. megacephalus (Zett.) 28-56 Eur. & N. Am.  
laticeps Lec. 50-219 Can. Cal. Alas.
- Olisthærus** Heer  
3321. nitidus Lec. 50-219 Can. Mass. Ct.  
substriatus Gyll. ‡ 28-233 Eur. Sib.

## PROTEININI

- Proteinus** Latr. 96-9  
(*Protinus* ‡ auct.)  
3322. atomarius Er. 40-904 Eur.  
parvulus Lec. 63-58 Can. L. Sup.  
23. basalis Mäkl. 52-324 Alas. [Mass.  
24. limbatus Mäkl. 52-323 Eur.  
Alas. N.H.  
a. mäklini Fauv. 68-494 Alas. Cal. Nev.  
25. salebrosus Csy. 85-323 Cal.  
26. sulcatus Fauv. 77-195 Cal.  
27. brachypterus (Fab.) 92-235 Eur. & N. Am.  
Alas.
- Proteinus** Latr.  
3328. densipennis Bnhr. 12-678 Cal.
- Megarthus** Steph. 32-330  
3329. atratus Mäkl. 52-325 Alas.  
30. excisus Lec. 63-58 Can.  
31. sinuatocollis Boisd. 35-493 Eur. & N. Am.  
angulicollis Mäkl. 52-325 Alas. Colo.  
W. Va.  
32. americanus Sachse 52-149 N. Am. Ind.  
33. pictus Mots. 45-39 Alas.

## OMALIINIÆ

- Tanyrhinus** Mann. 52-349  
3334. singularis Mann. 52-349 Alas. Cal.
- Trigonodemus** Lec. 63-57  
(*Arimimelus* Kr. 77-105)  
3335. striatus Lec. 63-57 N. Am. Pa.
- Anthobium** Steph. 32-335  
3336. atriventre Csy. 93-431 So. Cal.  
37. aurifluum Fauv. 77-201 Cal.  
38. californicum Fauv. 77-199 Cal.  
39. convexum Fauv. 77-201 E. St. Ind.  
Conn.  
40. diversicolle Csy. 93-428 Cal. Nev. Ut.  
41. fimetarium Er. 40-899 Alas.
- Anthobium** Steph.  
3342. fraternum Csy. 93-432 No. Cal.  
43. gilvipenne Csy. 93-428 Cal.  
44. horni Fauv. 77-202 Ind. Mo. Ga.  
45. marginatum Say 34-463 Mo. River.  
46. nigerrimum Csy. 93-427 So. Cal.  
47. pothos Mann. 43-235 Nfld.  
dimidiatum Melsh. 46-43  
48. punctatum Csy. 93-429 Cal.  
49. rugulosum Mäkl. 53-199 Alas.  
50. segmentarium Mäkl. 52-322 Alas.  
51. orientale Bnhr. 12-678 N. H. Mass.  
?sorbi Gyll. 28-206 Greenland,  
Eur. & N. Am.?  
52. subangulatum Csy. 93-430 Cal.  
53. tibiale Csy. 93-429 Ariz.

**Acrulia** Thoms. 61-199

3354. tumidula (Mäkl.) 53-199 Alas. Wash.

**Pycnoglypta** Thoms. 61-1983355. lurida (Gyll.) 28-701 Eur.&N.Am.  
B.C.Mass.  
N.C.**Phyllodrepa** Thoms. 60-52

(Phyllodrepa Thoms. s. str.)

3356. atra (Csy.) 93-420 Cal.  
57. cacti Sz. 99-9 Ariz.  
58. caseyi Bnhr. 10-46 Cal.  
59. pacifica || (Csy.) 93-421 No.Cal.  
59. punctiventris (Fauv.) 77-210 Pa. Mo.  
60. strigipennis (Mäkl.) 52-320 Alas. So.Cal.  
[Sib.]

(Hapalaræa Thoms. 60-50)

61. megarthroides (Fauv.) 78-44

62. pygmæa (Gyll.) 28-223 Cal.-B.C.  
Eur.&N.Am.63. ?florale Payk. 89-67 Eur.&N.Am.  
63. rufipes ‡ Fauv. 72-62 Or. Ind. Can.  
Pa.**Eunonia** Csy. 04-313

3364. keeniana Csy. 04-314 B.C.

**Haida** Keen 97-285

3365. keeni Keen 97-285 Alas. Vanc.

**Omalium** Grav. 02-111

(Homalium ‡ auct)

(Omalium s. str. Luze 06-505)

3366. algarum Csy. 85-316 Cal.  
fucicola || Csy. 85-285  
67. alutaceum Fauv. 77-207 So.Cal.  
68. caesum Grav. 06-209 Eur.&Cal.  
corticinum Mots. 57-492  
69. callosum Mäkl. 52-323 Alas.  
70. capito Csy. 93-423 Wis.  
71. cribrum Fauv. 77-216 Ks. Tex. Ga.  
72. diffusum Fauv. 77-207 L.Sup.  
73. exsculptum Mäkl. 52-321 N.W.Am.Cal.  
74. flavidum Ham. 96-347 Pa.  
75. flavipenne Mäkl. 53-198 Alas.  
76. foraminosum Mäkl. 52-321 Alas.-Fla. Sib.  
77. fractum Fauv. 77-212 Cal. Ind.  
78. hamatum Fauv. 77-209 Mich. Ind.  
79. humerosum Fauv. 77-209 Mich. [Man.  
80. humile Mäkl. 53-197 Alas. So.Cal.  
81. lacustre Csy. 93-422 Mich.  
82. longulum Mäkl. 52-323 Alas.  
83. oxyacanthæ Grav. 06-210 Eur.&N.Am.  
84. plagiatum Mann. 43-235 Alas. So.Cal.  
85. quadripenne Csy. 93-425 Va.  
86. repandum Er. 40-878 Ind. Fla.  
So.Cal.  
87. rivulare (Payk.) 89-65 Eur.&N.Am.  
88. rugipenne Csy. 85-317 Cal. [Cal.  
89. texanum Fauv. 77-213 Tex.  
90. theveneti Fauv. 77-218 So.Cal.  
91. excavatum Steph. 32-355 Greenland.

(Xylodromus ?auct.)

92. concinnum Marsh. 02-540 Greenland.

**Phloeonomus** Heer 38-184

(Phlocostiba Thoms. 61-208)

(Distemmus Lec. 62-69)

**Phloeonomus** Heer

3393. lapponicus Zett. 38-73

argus Lec. 50-22

(Phlæonomus s. str.)

94. pusillus Grav. 06-205

95. suffusus Csy. 93-424

**Micralymma** Westw. 38-129

(Microlymma G. &amp; H. 69-663)

3396. brevilingue Schiödte 44-370

97. marinum Stroem 85-

98. stimpsoni Lec. 63-57

**Porrhodites** Kr. 58-961

3399. fenestralis (Zett.) 28-50

**Orochares** Kr. 58-955

3400. angustatus (Er.) 40-874

**Deliphrum** Er. 39-627

3401. æquicolle Csy. 93-419

02. expansum Lec. 75-510

03. occiduum Csy. 93-420

**Lathrimæum** Er. 39-624

3404. atrocephalum Gyll. 27-463

05. humerale Csy. 86-243

?subcostatum Mäkl.

06. pictum Fauv. 77-233

07. fimetarium Mann. 30-72

08. nigropiceum Csy. 93-417

09. reflexicolle Csy. 93-417

10. spretum Csy. 93-418

11. sordidum Er. 40-871

?marginatum Kby. 37-89

**Olophrum** Er. 39-622

(Lathrium Lec. 50-221)

3412. obtectum Er. 40-865

rotundicolle Say nec Sahlb.

13. rotundicolle (Sahlb.) 17-281

convexicolle Lec. 50-21

14. convexum Mäkl. 53-195

15. marginatum Mäkl. 53-196

16. fuscum Grav. 06-211

latum Mäkl. 53-194

17. parvulum Mäkl. 53-195

**Arpedium** Er. 39-618

3418. quadrum (Grav.) 06-213

19. cribratum Fauv. 77-225

20. schwarzi Fauv. 77-225

21. angulare Fauv. 77-226

22. tenue Lec. 63-55

23. brachypterum (Grav.) 02-114

gyllenhali (Sahlb.) 17-286

?brunnescens Sahlb. 70-423

**Acidota** Mann. 30-55

3424. crenata (Fab.) 92-525

seriata Lec. 63-55

25. subcarinata Er. 40-863

Eur.&N.Am.  
(Arc.)  
Colo. Alas.  
Lab. Nfld.  
[Man.]Eur.&N.Am.?  
Alas. Colo.  
Alas.Greenland.  
Greenland.  
Me.Eur.&N.Am.  
Alas. Colo.  
[Mich.]Eur.&N.Am.  
Mass.Cal.  
Colo.  
No.Cal.Eur.&Cal.  
Alas.No.Cal.  
So.Cal.

Cal.

Alas.

Cal.

B.C.

No.Cal.

Va.

Ind. Mich.  
[Conn.]Eur.&N.Am.  
[L.Sup.Man.]

Alas.

Alas.

Eur.&amp;N.Am.

[Alas.]

Alas.

Eur.&N.Am.  
N.H. Mass.

Ind.

Ohio, Ind.

Eur.&N.Am.  
L.Sup. B.C.Eur.&N.Am.  
[Lab. L.Sup.  
N.H.]Eur. Man.  
Mich. Can.  
[Mass.]  
N.Am. Ind.



- Acidota** Mann.  
3426. quadrata Zett. 38-53 Lab. Eur.&  
N.Am. Alas.-  
patruelis Lec. 63-56 [N.H.]
- Amphichroum** Kr. 58-947  
(*Stachygraphis* Horn 82-285)  
3427. floribundum Lec. 63-56 So. Cal.  
28. flavicorne Csy. 86-235 Cal.  
29. maculatum (Horn) 82-285 Cal.  
30. maculicollis Mann. 43-234 Alas.
- Paralesteva** Csy. 05-164  
(*Pseudolesteva* Csy. 93-398)  
(*Lesteva* † auct. nec Latr.)  
3431. pallipes (Lec.) 63-55 Ind. Can.-  
biguttula (Lec.) 63-55 [Ala. Nfld.]  
picescens (Lec.) 63-55
- Tevalis** Csy. 93-398  
3432. cribratulus Csy. 93-399 Pa.
- Unamis** Csy. 93-398  
3433. truncata (Csy.) 85-322 Cal.
- Artochia** Csy. 93-398  
3434. productifrons Csy. 93-401 Cal.
- Vellica** Csy. 85-321  
3435. longipennis Csy. 85-431 Cal.
- Tilea** Fauv. 77-246  
(*Phlæopterus* Mots. 52-78)  
3436. fusconigra (Mots.) 52-78 Alas.  
37. cavicollis Fauv. 77-246 B.C. Cal.  
38. longipalpus (Csy.) 85-318 Cal.  
39. rufitarsis Csy. 93-403 No. Cal.  
40. filicornis (Csy.) 85-318 Cal.  
41. brevipennis Csy. 93-404 Wy.  
42. castanea Csy. 93-404 Colo.
- Orobanus** Lec. 78-453  
3443. simulator Lec. 78-453 Colo. Vanc.  
44. rufipes Csy. 86-245 No. Cal.  
So. Cal.  
45. densus Csy. 86-246 So. Cal.
- Microædus** Lec. 74-273  
(*Micraedus* † auct.)  
3446. austinianus Lec. 74-273 Nfld.
- Microædus** Lec.  
3447. laticollis (Mann.) 43-234 Alas.
- Pelecomalium** Csy. 86-241  
3448. testaceum (Mann.) 43-234 Alas.  
49. binotatum Csy. 86-242 Cal.  
50. sparsum (Fauv.) 77-237 Cal.  
51. pilosellum Csy. 86-237 Cal.  
52. scutatum (Fauv.) 77-238 Cal.  
53. puberulum (Fauv.) 77-240 Cal. So. Cal.  
54. flavescens Csy. 93-414 Cal.  
55. lævicolle (Lec.) 66-375 Pa.  
56. opaculum (Fauv.) 77-241 Cal.  
57. veterator Csy. 86-238 Cal.  
♂ modestum Csy. 86-242  
58. crassicorne Csy. 86-239 Cal.  
59. pallidum Csy. 93-415 Cal. Nev.  
60. alutaceum Csy. 86-236 Cal.
- Geodromicus** Redt. 58-224  
(*Anthophagus* † auct. nec Grav. 02-120)  
3461. brunneus (Say) 23-158 E. St. Ind.  
cæsus Er. 40-853  
62. strictus Fauv. 89-126 Ind. Mass.-  
Mich. Nfld.  
nigrita † Fauv. 78-90 nec Müll.  
63. fauveli Csy. 93-408 Or.  
64. plagiatus (Fab.) 98-180 Eur. & N. Am.  
ovipennis Lec. 77-452 [Ut. N. Y. Ga.]  
verticalis (Say) 34-463  
65. nubilatus Csy. 93-408 N. Mex.  
66. debilis Csy. 93-409 Colo.  
67. temporalis Csy. 93-410 Cal.  
68. humboldtianus Csy. 93-411 No. Cal.  
69. integer Csy. 93-412 Wash.
- Eudectus** Redt. 58-245  
3470. crassicornis Lec. 85-4 La.
- Ephelinus** Ckll. 06-241  
(*Ephelis* || Fauv. 77-219)  
3471. guttatus (Lec.) 63-58 Fla.  
72. notatus (Lec.) 63-58 Pa. Ind.  
73. pallidus (Lec.) 63-57 Kan.
- Boreaphilus** Sahlb. 34-433  
3474. americanus Notman 18-188 N. J.
- Renardia** Mots. 65-583  
3474½. jubilosa Mots. 65-584 N. Y.

## OXYTELINI

- Coprophili*  
**Syntomium** Curtis 28-228  
3475. confragosum Mäkl. 52-319 Alas.
- Deleaster** Er. 39-610  
3476. concolor Lec. 66-375 Cal. Vanc.  
77. trimaculatus Fall 10-115 Colo.
- Zalobius** Lec. 74-49  
3478. serricollis Lec. 75-170 So. Cal.  
79. spinicollis Lec. 74-49 Vanc.-Cal.
- Asemobius** Horn. 95-238  
3480. caelatus Horn 95-238 Cal.
- Coprophilus** Latr. 29-439  
3481. striatulus (Fab.) 92-529 Eur. & N. Am.  
Can.
- Oxyteli*  
**Ancyrophorus** Kr. 58-886  
(?*Ochtheophilus* Rey 56-1)  
3482. biimpressus (Mäkl.) 52-319 Alas. Eur. Nfld.  
83. planus Lec. 66-26 L. Sup. So. Cal.
- Trogophlæus** Mann. 30-49  
(*Carpalimus* Steph. 32-324)  
3484. caloderinus Lec. 77-246 Tex.  
85. arcifer Lec. 77-245 Tex. Fla. Ind.  
86. americanus Bnhr. 11-95 Ky. Va.  
anthracinus † Csy. 89-330  
87. corvinus Csy. 89-331 Mass.  
(*Trogophlæus* s. str.)  
88. dentiger Csy. 89-333 Ariz. So. Cal.  
89. fulvipes Er. 40-804 Fla. No. & So.  
texanus Csy. 89-334 Tex. [Am.]

**Trogophlæus Mann.**

3490. armatus Csy. 89-335 Cal.  
 91. gilæ Csy. 89-335 Ariz. So. Cal.  
 92. prominens Csy. 89-336 So. Cal.  
 93. pacificus Csy. 89-337 So. Cal.  
 94. arizonæ Csy. 89-338 Ariz.  
 95. occiduus Csy. 89-339 Cal.  
 96. bilineatus Steph. 32-324 Eur. & N. Am.  
 riparius Lac. 35-467 [Vanc.-Mass.  
 97. memnonius Er. 40-806 Ind. Fla.  
 98. quadripunctatus (Say) 34-459 Pa. N.Y. L.I.  
 Ind. Fla.

laticollis Lec. 63-55 Fla.?

99. conjunctus Csy. 89-342 Or.  
 3500. morio Er. 40-805 Pa. Mich. Kan.  
 N.Y.

01. rivularis Mots. 60-552 Eur. & N. Am.  
 spretus Csy. 89-343 Pa. Md. N.C.  
 02. apacheanus Csy. 89-344 Ariz.  
 03. obesus Kies. 44-375 Eur. & N. Am.  
 fossulatus Mots. 57-505  
 mancus Csy. 89-345 Tex.  
 memnonius Fauv. 72-151  
 spectatus Csy. 89-345 Fla.  
 tarsalis Hochh. 49-196  
 04. imbellis Csy. 89-346 Iowa.  
 05. lepidus Csy. 89-347 Iowa.  
 06. diffusus Csy. 89-350 So. Cal.  
 07. lapsus Csy. 89-350 Cal.  
 08. phlæoporinus Lec. 77-246 Ill. Ia.  
 09. poseyensis Blatch. 10-471 Ind.  
 10. egregius Csy. 89-352 R. I.  
 11. lithocharinus Lec. 77-245 Cal.  
 12. obliquus Csy. 89-353 Cal.  
 13. sculptilis Csy. 89-354 Cal.  
 14. difficilis Csy. 89-354 N.C. Md.  
 15. congener Csy. 89-355 Pa.  
 16. corticinus (Grav.) 06-192 Eur. & N. Am.  
 a. fulvipennis Fauv. 63-440 Tex.-Mass.  
 17. agonus Csy. 89-356 Tenn. Ind. Fla.?  
 18. temporalis Csy. 89-357 N.Y. Mass.  
 19. probus Csy. 89-358 N.C.  
 20. nanulus Csy. 89-358 Tex. N.J.  
 21. modestus Csy. 89-359 Tex.  
 22. brachypterus (Lec.) 77-240 Mich.  
 23. pertenuis Csy. 89-360 Tex.  
 24. detractus Csy. 89-361 Iowa.  
 25. subtilis Er. 39-606 Eur. & N. Am.  
 indigenus Csy. 89-362 R. I. Pa.  
 26. gracilis Mann. 30-51 Mich. Eur. &  
 N. Am. S.C.  
 27. graphicus Csy. 89-362 Mo.  
 28. ingens Csy. 89-363 Ia. Ill.  
 29. incertus Csy. 89-364 Tenn.  
 30. delicatus Csy. 89-365 Mich. Pa. Ind.  
 31. pudicus Csy. 89-368 N.J.  
 32. robustulus Csy. 89-369 N.Y.  
 33. confinis Csy. 89-369 So. Cal.  
 34. pauperculus Csy. 89-370 So. Cal.  
 35. languidus Csy. 89-371 Tex.  
 36. bipuncticollis Csy. 89-372 Tex.  
 37. simplarius Lec. 77-244 C.I.  
 38. pallidulus Csy. 89-373 L. Sup.?  
 39. salicola Csy. 95-450 Ut.  
 40. convexulus Lec. 77-244 Kan. Fla.  
 41. debilis Csy. 89-374 So. Cal.  
 42. blediinus Lec. 77-244 So. Cal.  
 43. providus Csy. 89-376 N.J.  
 44. inquisitus Csy. 89-377 Tex.

**Trogophlæus Mann.**

3545. facetus Csy. 89-378 R. I.  
 fallax Csy. 89-375 L. Sup. ? ♀  
 46. confusus Csy. 89-378 N.J.  
 47. scrupulus Csy. 89-379 Tex.  
 48. fuliginosus (Grav.) 02-102 Mass. D.C.  
 49. insolitus Csy. 89-380 Cal. [Eur.  
 50. uniformis Lec. 77-244 Ga. Pa.  
 51. filum Csy. 89-381 So. Cal.  
 52. decoloratus Csy. 89-382 Pa.  
 53. pusillus (Grav.) 02-78 Eur. & N. Am.  
 tantillus Csy. 89-383 Tex. Ariz.  
 54. caseyi Bnhr. 04-23 So. Cal.  
 — phytosellis Fvl. mss. Mich.  
 Fla.

**Apocellus Er. 40-812**

3555. bicolor Csy. 84-154 Neb.  
 56. sphæricollis (Say) 34-455 N. Am.-Guat.  
 amabilis (Sachse) 52-116 Fla. Ind. Ariz.  
 globosus Melsh. 46-30 [So. Cal.  
 longicornis (Sachse) 52-116  
 57. crassicornis Csy. 84-156 Colo.  
 58. niger Csy. 86-232 Tex.  
 59. gracilicornis Csy. 84-157 So. Cal. Ariz.  
 60. brevipennis Csy. 84-158 La. Tex.  
 61. analis Lec. 77-247 La.-So. Cal.  
 62. stilicoides Lec. 77-247 Fla. [Ariz.  
 63. cognatus Sharp 87-695 La.

**Aploderus Steph. 32-321**

(*Haploderus* Kr. 58-863)  
 (*Phlæonæus* Er. 39-597)

3564. linearis Lec. 63-55 Cal.-B.C.  
 65. trinifex Fall 10-114 So. Cal.  
 66. mimeticus Fall 10-115 So. Cal.  
 67. cephalotes Csy. 89-74 So. Cal. & S.F.  
 68. princeps Csy. 89-75 Cal. Nev.  
 69. flavipennis Csy. 89-76 So. Cal. & S.F.  
 70. annectens (Lec.) 77-242 Cal.

**Oxytelus Grav. 02-101**

(*Anotylus* Thoms. 61-130)

3571. sculptus Grav. 06-191 Fla. Cosmop.  
 Ind. Ct. Sib.  
 moerens Melsh. 46-42 Can. Vanc.  
 So. Cal.  
 72. insignitus Grav. 06-188 Ind. Fla. Conn.  
 americanus Mann. 30-48 N.Y. Tex.  
 pumilio Boh. 58-34 [Mex.  
 73. munitus Csy. 93-385 Pa.  
 74. breviceps Csy. 93-385 N.Y.  
 75. convergens Lec. 77-236 Fla. Ga.  
 76. laqueatus Marsh. 02-513 Eur. & N. Am.  
 fuscipennis Mann. 43-233 Alas. Nfld.  
 ? fuscipennis || Lec. nec Mann  
 Kan. Ill. Pa.  
 77. nimius Csy. 93-388 Pa.  
 78. montanus Csy. 93-388 Cal.  
 79. invenustus Csy. 93-389 Md.  
 80. pennsylvanicus Er. 40-792 E. St. Ind N.Y.  
 Guat.  
 81. incolumis Er. 40-791 So. St. Fla.  
 82. rugosus (Fab.) 75-267 Eur. & N. Am.  
 basalis Melsh. 46-41 Fla. La. Or.  
 Nfld.  
 83. niger Lec. 77-235 Cal. B.C.  
 Man.  
 84. placusinus Lec. 77-237 D.C. Ind.



**Oxytelus** Grav.

3585. *densus* Csy. 93-393 Tex. Md.  
 86. *alpicola* Csy. 93-394 Colo.  
 87. *nitidulus* Grav. 02-107 Eur.&N.Am.  
*punctatus* Lec. 77-236 [Vanc.-Mass.  
 88. *rugulosus* Say 34-460 U.S.&Mex.  
*carbonellus* Solsky 67-266  
 89. *suspectus* Csy. 93-395 Ind.N.Y.N.C.  
*nitidulus* Lec. nec Grav. [Man.Neb.  
 90. *sobrinus* Lec. 77-237 So.Cal.S.W.  
 91. *vegrandis* Csy. 93-396 Cal. [Ut.  
 92. *nanus* Er. 40-797 Tex.N.Y.Fla.  
 L.Sup.  
 Ind. Fla.  
 93. *exiguus* Er. 40-798  
*parvulus* Melsh. 46-41  
*pygmæus* Melsh. 46-41  
 94. *minimus* Er. 40-798 B.C.  
 95. *tetracarinatus* (Block) 99-116 Eur.&N.Am.  
*depressus* Grav. 02-103 [Ind.

**Platystethus** Mann. 30-46

3596. *americanus* Er. 40-784 Conn.-Mex.  
 Ariz. So.Cal.  
 97. *spiculus* Er. 40-784 So.Am. Tex.

**Bledius** Mann. 30-44

3598. *gularis* Lec. 77-218  
 99. *pallipennis* (Say) 23-155  
*mandibularis* Er. 40-765 Fla. Conn.  
 3600. *fortis* Lec. 77-219 Tex.  
 01. *brevidens* Lec. 77-219 N.Y. Fla.  
 02. *ferratus* Lec. 77-220 So.Cal.  
 03. *jacobinus* Lec. 77-220 So.Cal.  
 04. *strenuus* Csy. 89-44 Cal.  
*armatus* Lec. 63-51 nec Say  
 05. *arizonensis* Fall 10-103 Ariz.  
 06. *furtivus* Csy. 89-45 Or.  
 07. *fenyesi* Bnhr. 11-129 Cal.  
*lecontei* || Bnhr. 05-14  
*cribricollis* ‡ Lec. 77-221  
 08. *monstratus* Csy. 89-46 Cal.  
 09. *eximius* Csy. 89-47 So.Cal.  
 10. *gradatus* Fall 10-104 Cal.  
 11. *cuspidatus* Lec. 77-394 Dak.  
 12. *armatus* Say 23-155 Neb. N.Mex.  
 13. *agonus* Csy. 89-48 Ut.  
 14. *ineptus* Csy. 89-48 N.Mex.Tex.  
 15. *politus* Er. 40-766 S.C. Fla.  
 16. *episcopalis* Fall 10-104 Cal.  
 17. *flavipennis* Lec. 63-52 So.Cal.Ariz.  
 18. *lectus* Csy. 89-49 Cal.  
 19. *consimilis* Fall 10-105 N.Mex.  
 20. *tenuis* Csy. 89-50 Nev.  
 21. *turgidus* Csy. 89-52 Colo.  
 22. *semiferrugineus* Lec. 63-52 Fla.  
 23. *philadelphicus* Fall 19-26 Pa.  
*dissimilis* || Fall 10-107  
 24. *rotundicollis* Lec. 77-223 Neb.  
 25. *fumatus* Lec. 63-52 Ind. Fla.  
 26. *foraminosus* Csy. 89-53 Cal.  
 27. *deceptivus* Fall 02-227 So.Cal.  
 28. *relictus* Fall 02-228 So.Cal.  
 29. *nitidiceps* Lec. 77-224 So.Cal.  
 30. *opacifrons* Lec. 77-224 So.Cal.  
 31. *rubiginosus* Er. 40-765 S.C.  
 32. *gravidus* Csy. 89-54 N.Mex.  
 33. *tallaci* Fall 10-106 Cal.  
 34. *specularis* Fall 10-109 Cal.  
 35. *regularis* Fall 10-109 Cal.

**Bledius** Mann.

3636. *analisis* Lec. 63-52 Ill. Ind. Mo.  
 Mon.  
 N.Y.  
 Ill. Ia.  
 Cal.  
 So.Cal. (Fla.?)  
 Cal.  
 So.Cal.  
 Eur.&N.Am.  
 Ia. N.Y.  
 Ind.  
 Iowa.  
 Alas.  
 So.Cal.  
 So.Cal.  
 Cal.  
 Wash. Mont.  
 Can. Ill.  
 Cal.  
 Cal.  
 Cal.  
 Ind.Pa.Ill.Ia.  
 Pa. Ind.  
 L.Sup. Ind.  
 Colo.  
 Cal.  
 So.Cal.  
 Cal.  
 Or.  
 Cal.  
 Can.  
 So.Cal. Ariz.  
 So.Cal.  
 Cal.  
 N.Y. Nfld.  
 So.Cal.  
 Alas.  
 Cal.  
 Vanc.  
 So.Cal.  
 So.Cal.  
 Tex. So.C.  
 Ind. Fla. N.Y.  
 N.Y.  
 Fla.  
 N.Y. Fla.  
 Tex.  
 R.I.  
 Tex.  
 R.I.  
 Fla.  
 Me.  
 Va. Ind. Fla.  
 So.Cal.  
 So.Cal.  
 Eur.&N.Am.  
 Mo. [So.Cal.?  
 Windsor, N.Y.  
 Mo.  
 — *rufipennis* Er. 40-770

*Thinobii***Thinobius** Kies. 44-355

- (*Thinophilus* Muls. & Rey 79-322)  
 3688. *oxytelinus* Lec. 77-240 No.&So.Cal.  
 89. *pallidicornis* Csy. 89-80 Tex.



**Thinobius** Kies.

3690. *flavicornis* Lec. 77-240 N.Y. L.I.  
 91. *grossulus* Csy. 89-81 N.Y.  
 92. *macropterus* Lec. 77-241 Cal.  
 93. *sonomæ* Csy. 89-83 Cal.  
 94. *fimbriatus* Lec. 77-240 Mich.  
 95. *hesperius* Csy. 89-84 So. Cal. Ariz.  
 96. *pygmæus* Csy. 89-85 Nev.  
 97. *antennarius* Fauv. 77-261 Tex.

**Thinobius** Kies.

3698. *pallidus* Csy. 89-86 Tex.  
 99. *gracilicornis* Csy. 89-87 Cal.  
 3700. *crassicornis* Csy. 89-87 Tex.  
 01. *validus* Csy. 89-88 Cal.  
 ( *Thinobius* s. str.)  
 02. *delicatus* Kr. 58-884 Eur. & N. Am.

## OSORIINI

**Holotrochus** Er. 40-757

3703. *brachypterus* Fauv. 05-136 Fla. S.C.  
 minor Lec. 77-216 nec Fauv.  
 04. *laevicauda* Lec. 66-376 Ind. Ill. La.  
 N. Mex.

**Osorius** Latr. 29-438

- (*Molosoma* Say 34-462)  
 3705. *latipes* (Grav.) 06-198 Ind. Fla.  
 06. *planifrons* Lec. 77-215 Ind. Fla.  
 07. *politus* Lec. 77-215 Fla.

## MEGALOPSIDIINI

**Megalopsidia** Leng 18-204

- (*Megalops* || Er. 40-751)  
 3708. *cælatus* (Grav.) 02-197 Ind. Fla.

**Megalopsidia** Leng

3709. *rufipes* Lec. 63-51 Ga. Ind. Fla.

## STENINÆ

## STENINI

**Stenus** Latr. 96-77

- (*Stenus* s. str.)  
 3710. *punctiger* Csy. 84-13 Colo.  
 11. *bipunctatus* Er. 39-530 Ind. Eur. & N. Am.  
 Ind. Pa. O.  
     *comma* Lec. 63-50 [B.C. Wash.  
 12. *colon* Say 34-458 Ind. Mich.  
     D.C. Va. S. St.  
 13. *renifer* Lec. 63-50 So. Cal. Tex.  
     Ariz.  
 14. *semicolon* Lec. 63-50 Mich. D.C.  
 15. *gemmeus* Csy. 84-18 Ga. [S. St.  
 16. *bilentigatus* Csy. 84-19 Va.  
     \*  
 17. *sculptilis* Csy. 84-22 So. Cal. Nev.  
     Cal. Wash.  
 18. *laccophilus* Csy. 84-23 Ont.  
 19. *juno* (Fab.) 01-602 Eur. & N. Am.  
     Nfld. Ind. Tex.  
     Can. Wash.  
     Vanc. Mass.  
     Mich.  
     Vanc. Wash.  
     Cal.  
     N.H. L. Sup.  
     S. St. [B.C.  
     M. St.  
     Wash.  
     Ariz. So. Cal.  
     D.C. Ont.  
     Mich. Ill. Ind.  
 28. *similiatus* Blatch. 10-404 Ind. [Man.  
 29. *tacomæ* Csy. 84-34 Wash.  
     \*\*  
 30. *strangulatus* Csy. 84-39 Ind. N.Y.  
 31. *tenuis* Csy. 84-40 Ont. [Mich.  
     *difficilis* Csy. 84-41 Ont. Mass.  
 32. *angustus* Csy. 84-40 Ont. Mass.  
 33. *pettiti* Csy. 84-42 Ont. M. St.  
 34. *scrupeus* Csy. 84-43 Ont. L. Sup.  
 35. *intrusus* Csy. 84-44 Mass. Mich.  
     Can.

**Stenus** Latr.

3736. *erythropus* Melsh. 46-40 Ind. Pa. Mich.  
 37. *rugifer* Csy. 84-47 Colo. [Mass.  
     *anastomozans* Csy. 84-48 N.H.  
 38. *shoshonis* Csy. 84-49 Wash.  
 39. *vexatus* Csy. 84-51 Wash.  
     *insularis* Csy. 84-50 Vanc. Alas.  
 40. *schwarzi* Csy. 84-52 Mass.  
 41. *pauper* Csy. 84-53 Mass.  
 42. *subtilis* Csy. 84-54 Mich.  
 43. *indigens* Csy. 84-55 Mass.  
 44. *simplex* Csy. 84-56 Or.  
 45. *vicinus* Csy. 84-57 Pa. D.C. Ala.  
 46. *ingratus* Csy. 84-58 Mich.  
 47. *neglectus* Csy. 84-59 Mass. Ont.  
     Ill. Neb.  
     Wash.  
 48. *vespertinus* Csy. 84-61 Ind. L. Sup.  
 49. *scabiosus* Csy. 84-60 Wash.  
 50. *convictor* Csy. 84-62 Mich.  
 51. *deductor* Csy. 84-204 Mass. L. Sup.  
     *confusus* || Csy. 84-63 Mich.  
 52. *inornatus* Csy. 84-64 Mich.  
 53. *placidus* Csy. 84-65 Mass.  
     *tumicollis* Csy. 84-100 Mich.  
 54. *mendax* Csy. 84-66 Mass.  
 55. *eriensis* Csy. 84-67 Mich.  
 56. *sphærops* Csy. 84-68 Mass.  
 57. *militaris* Csy. 84-69 L. Sup.  
 58. *pluto* Csy. 84-70 Mass.  
 59. *incultus* Csy. 84-71 Ariz. So. Cal.  
 60. *corvus* Csy. 84-72 B.C. Cal.  
     Man.  
 61. *maritimus* Mots. 45-356 Alas. Vanc.  
 62. *montanus* Csy. 84-74 N.H.  
 63. *alpicola* Fauv. 72-236 Eur. & N. Am.  
     Man.  
     Colo. B.C.  
     \*\*\*  
 64. *costalis* Csy. 84-77 Nev. So. Cal.  
 65. *alveolatus* Csy. 84-78 Nev. So. Cal.  
 66. *ellipticus* Csy. 84-79 Cal.  
 67. *adelops* Csy. 84-80 No. Cal.  
 68. *luctuosus* Csy. 84-81 Cal. Nev. B.C.

**Stenus Latr.**

- \*\*\*\*
3769. nanus Steph. 32-300 Eur.&N.Am.  
pusio Csy. 84-82 Mass. Can.  
a. nanulus Csy. 84-83 B.C. [L.Sup.  
70. pumilio Er. 39-558 Eur.&N.Am.  
atomarius Csy. 84-84 Mass. Mich.  
\*\*\*\*\*
71. virginiae Csy. 84-87 Va.  
72. texanus Csy. 84-88 Tex.  
73. venustus Csy. 84-89 ?  
74. occidentalis Csy. 84-90 B.C.  
75. pacificus Csy. 84-91 So. Cal.  
76. obstrusus Csy. 84-92 N.Y. N.J.  
77. arizonæ Csy. 84-93 Ariz. Tex.  
78. integer Csy. 84-94 Mass.  
79. floridanus Csy. 84-95 Fla.  
80. colonus Er. 40-699 Ind L.Sup.  
Fla. Ariz. Cal.  
81. suspectus Blatch. 10-408 Ind. [Conn.  
82. humilis Er. 39-554 Eur.&N.Am.  
Man.  
mammops Csy. 84-97 Ind. Mass.-  
83. gravidus Csy. 84-98 Mass. [B.C.  
84. animatus Csy. 84-99 L.Sup.  
85. carinicolis Csy. 84-101 Mich.  
86. insignis Csy. 84-102 So. Cal.  
\*\*\*\*\*
87. stygicus Say 34-458 Ind. Mass.  
L.Sup. Ala.  
Conn. Nfld?  
?cinerascens Er. 39-539 Eur. Japan.  
88. egenus Er. 40-698 Ind. Mich.  
Kan. Pa.  
\*\*\*\*\*
89. dolosus Csy. 84-108 Colo.  
90. villosus Csy. 84-109 Cal.  
jejunus Csy. 84-112 B.C.  
91. sectilifer Csy. 84-110 D.C. Fla.  
milleporus Csy. 84-111 N.Y. Ga. Fla.  
92. vinnulus Csy. 84-112 Mass.-Mich.  
Man.  
93. canaliculatus Gyll. 27-501 Mass.-Mich.  
congener Mäkl. 53-192 Eur. Alas.  
94. carolinæ Csy. 84-116 Ala. Fla.  
95. argus Grav. 06-231 Ind. Eur.&  
N.Am.  
ageus Csy. 84-116 Mass.  
rigidus Csy. 84-119 Mass.  
96. pudicus Csy. 84-117 L.Sup.  
97. minor Csy. 84-118 Mich.  
98. incertus Csy. 84-120 Neb.  
99. parallelus Csy. 84-121 Mass.  
3800. noctivagus Csy. 84-121 N.H.  
01. luculentus Csy. 84-122 Cal.  
02. juvenus Csy. 84-123 Mich. Ind.  
03. pauperculus Csy. 84-124 ?Mich.  
brumalis Csy. 84-131 Mich.  
04. morio Grav. 06-230 Ind. Eur.&  
enodis Csy. 84-126 Colo. [N.Am.  
haplus Csy. 84-125 Mich.  
indistinctus Csy. 84-130 Mich.  
subgriscus Csy. 84-127 Cal. B.C.  
05. dives Csy. 84-127 No. Cal.  
06. terricola Csy. 84-128 Nev. So. Cal.  
07. mundulus Csy. 84-129 Wash.  
08. tuberculatus Csy. 84-129 Fla.  
(*Tesnus* Rey 83-183)
09. gratiosus Csy. 84-133 Mich.  
hirsutus Csy. 84-137 Mich.

**Stenus Latr.**

3810. monticola Csy. 84-134 N.H.  
11. curtus Csy. 84-135 Mich.  
12. alacer Csy. 84-135 Ind. Fla. Ariz.  
13. vestalis Csy. 84-138 So. Cal. [Ill.  
14. tahocensis Csy. 84-139 Nev.  
15. nimbosus Csy. 84-139 Colo.  
16. pugetensis Csy. 84-140 Wash.  
17. vacuus Csy. 84-141 Cal.  
18. amicus Csy. 84-142 Colo.  
19. californicus Csy. 84-145 Nev. So. Cal.  
20. fraternus (Csy.) 84-155 B.C. Wy.  
umbratilis (Csy.) 84-156 B.C. [L.Sup.  
21. retrusus Csy. 84-154 B.C. Vanc.  
(*Mutinus* Csy. 84-146)
22. gilæ Csy. 84-146 Ariz. So. Cal.  
23. dispar Csy. 84-147 Mass.-Tex.  
— cariniceps Mäkl. 52-317 Alas.  
— immarginatus Mäkl. 53-192 Alas.  
— parallelopipedus Mots. 52-317 Alas.  
— insularis || Sahlb. 85-53 Sib. Japan.  
— adsector Mäkl. 52-316 Alas.  
— chalybæus Boh. 58-33 (Cal.?)
- (*Hypostenus* Rey 83-183)  
(*Arcus* Csy. 84-150 ex parte)
24. advena Csy. 84-158 L.Sup.  
25. europs Csy. 84-160 Md. Va.  
26. megalops Csy. 84-161 Fla.  
27. lugens Csy. 84-161 Mass.  
28. plicipennis Csy. 84-162 Vanc. B.C.  
29. agnatus Csy. 84-163 B.C.  
30. sayi Csy. 84-164 So. Cal.  
31. amabilis Csy. 84-166 Del.  
32. flavicornis Er. 40-733 Mass. Mich.  
geniculatus || Say 34-458 Ind. [Conn.  
33. annularis Er. 40-735 Ind. Mass.  
Neb. So. St.  
34. perforatus Csy. 84-169 Ariz. [Conn.  
35. nitescens Csy. 84-170 Fla.  
36. pollens Csy. 84-171 Wash. Cal.  
patens Csy. 84-172 Colo.  
37. tarsalis Ljungh 04-157 Eur.&N.Am.  
Nfld.  
reconditus Csy. 84-173 Mass. Mich.  
propinquus Csy. 84-174 N.H. [Ia.  
38. canadensis Csy. 84-175 Ind. Ont.  
No. Ill.  
39. pinguis Csy. 84-177 So. Cal. B.C.  
Nev. Colo.  
40. papagonis Csy. 84-180 Ariz.  
41. punctatus Er. 40-744 E. St. Ind.  
obsoletus Csy. 84-181 Ont.  
dilutus Csy. 84-184 La.  
42. artus Csy. 84-182 N.Y.  
43. meridionalis Csy. 84-185 Fla.  
44. callosus Er. 40-737 Fla. Pa. D.C.  
La. Ind.  
45. capucinus Boh. 58-34 N.&So. Am.  
varipes Csy. 84-187 Mich.  
46. arculus Er. 40-744 Can.-Tex. Ind.  
Fla. Conn.  
L.Sup.  
47. dissentiens Csy. 84-190 L.Sup.  
48. hubbardi Csy. 84-191 L.Sup.  
simiolus Csy. 84-194 So. Cal.  
49. lætulus Csy. 84-192 Vanc. B.C.  
50. levicps Csy. 84-193 Vanc. B.C.  
politulus Csy. 84-193 So. Cal.  
lucidus Csy. 84-196

**Stenus Latr.**

3851. *pertinax* Csy. 84-195 Wy.  
 52. *exilis* Csy. 84-143 Cal.  
     (*Hemistenus* Mots. 60-557)  
     (*Arcus* Csy. 84-150 ex parte)  
     (*Mesostenus* Rey 83-183)  
 53. *croceatus* Csy. 84-158 L.I.-Neb.  
 54. *pteroabrachys* G. & H. 68-639 Alas.  
     *brevipennis* Mäkl. || 52-318  
     ? *montivagus* Heer 38-578 Eur.

**Stenus Latr.**

3855. *trajectus* Csy. 84-179 Colo.  
 56. *utenis* Csy. 84-178 Colo.

**Dianous Sam. 19-173**

3857. *cœrulescens* Gyll. 10-463 Eur. & N. Am.  
     *chalybæus* Lec. 63-49 L. Sup. Mass.  
 58. *nitidulus* Lec. 74-272 N. H. Colo.  
     *zephyrus* Csy. 84-11 Ind. Nfld.  
     Vanc. B. C.

**EUÆSTHETINÆ**

## STENÆSTHETINI

**Stictocranius Lec. 66-374**

3859. *puncticeps* Lec. 66-374 D. C.

## EUÆSTHETINI

**Edaphus Lec. 61-67**

3860. *nitidus* Lec. 63-50 Ala. La. Fla.  
 61. *carinatus* Csy. 84-30 D. C.  
 62. *luculentus* Csy. 84-31 D. C.

**Euæsthetus Grav. 06-201**

- (*Eristhetus* Mann. 30-41)  
 3863. *brevipennis* Csy. 84-20 Mich.  
 64. *neomexicanus* Fall 07-219 N. Mex.  
 65. *punctatus* Csy. 84-21 Fla.

**Euæsthetus Grav.**

3866. *floridæ* Csy. 84-21 Fla. Ind.  
 67. *similis* Csy. 84-22 Fla.  
 68. *mundulus* Csy. 84-23 Mass.  
 69. *robustus* Csy. 84-24 Mass.  
 70. *iripennis* Csy. 84-25 O.  
 71. *texanus* Csy. 84-26 Tex.  
 72. *americanus* Er. 40-747 Mich.-Fla.  
     Ind. L. I.  
 73. *atomus* Csy. 84-28 Fla.

**PÆDERINÆ**

## PINOPHILINI

*Pinophili***Pinophilus Grav. 02-201**

3874. *latipes* Grav. 06-202 Fla. Atl. St.  
 75. *obesus* Csy. 10-194 W. Tex. [Ind.  
 76. *parcus* Lec. 63-48 Tex. Fla.  
 77. *texanus* Csy. 10-195 Tex.  
 78. *trajectus* Csy. 10-195 Tex.  
     a. *pimalis* Csy. 10-195 Ariz.  
 79. *densus* Lec. 63-48 Yuma, So. Cal.  
 80. *arizonicus* Csy. 10-195 Ariz.  
 81. *aridus* Csy. 10-196 Ariz.  
 82. *diffidens* Csy. 10-196 Tex.  
 83. *opacus* Lec. 63-49 Ga. Fla. Ind.  
 84. *parvipennis* Csy. 10-196 Iowa.

**Lathropinus Sharp 86-628**

3885. *picipes* (Er.) 40-671 Atl. St. Fla.

**Aracocerus Nordm. 36-157**

- (*Aræocerus* || Nordm. 36-7)  
 3886. *obsidianus* (Csy.) 10-193 Tex.

*Procirri***Palaminus Er. 40-681**

3887. *pallipes* Lec. 63-49 Ga.  
 88. *flavipennis* Lec. 78-396 Fla.  
 89. *normalis* Lec. 78-397 S. C. Ga. Fla.  
 90. *amplipennis* Fall 07-221 N. Mex.  
 91. *luteus* Csy. 10-198 Pa. L. I. N. C.  
     Va.  
 92. *testaceus* Er. 40-683 Ill. D. C. Ind.  
     Ia. Miss.  
 93. *fraternus* Csy. 10-198 Tex.  
 94. *hudsonicus* Csy. 10-198 L. I.  
 95. *contortus* Lec. 78-397 Fla.  
 96. *lividus* Lec. 63-49 Yuma. So. Cal.  
 97. *cribratus* Lec. 78-397 Fla.  
 98. *pumilus* Lec. 78-398 Fla.  
 99. *timidus* Csy. 10-198 Tex.  
 3900. *larvalis* Lec. 63-49 L. I. Va. N. Y.  
     Tenn. Fla. Ind.

## PÆDERINI

## Casey 05

*Cryptobia***Gastrolobium Csy. 05-31**

3901. *virginicum* Csy. 05-33 Va.  
 02. *floridanum* (Lec.) 78-389 Fla.-N. J.  
     a. *convergens* (Csy.) 84-129 N. J.  
 03. *carolinum* Er. 40-563 Ind. N. C. Md.  
 04. *subatrum* Csy. 10-185 Tenn.  
 05. *atriceps* Csy. 05-34 Ill.  
 06. *pimerianum* (Lec.) 63-45 Ariz. Tex. Ia.  
     Ind. Cal.

**Gastrolobium Csy.**

3907. *lecontei* (Horn) 85-94 Ia.  
     *carolinum* ‡ Lec. 78- nec Er.  
 08. *bicolor* (Grav.) 02-179 Ind. N. Y. N. C.  
     Ia. Fla. Conn.  
 09. *melanocephalum* (Er.) 40-564 N. Y. Va. Ariz.  
 10. *badium* (Grav.) 02-53 Fla. N. J. Ind.  
 11. *strenuum* Csy. 05-36 O. Ia. Mo.  
     *illiniæ* Csy. 05-37 Ill. [Tex.  
     a. *spissiceps* Csy. 05-37 Tex.



4002. *texana* Csy. 05-98                      Tex.

**Lathrobioma** Csy. 05-98

4003. *virginica* Csy. 05-99 Va.  
 04. *shoshonica* Csy. 05-99 Or.  
 05. *nanula* Csy. 05-100 Mass.  
 06. *dakotana* Csy. 05-100 Dak.  
 07. *hespera* Csy. 05-100 B.C.  
 08. *othiodes* (Lec.) 80-175 Mass. Ia.  
 09. *tenuis* (Lec.) 63-44 N.Y. R.I.  
 10. *nigrolinea* Csy. 05-102 Man.  
 11. *oregona* Csy. 05-102 Or.  
 12. *scolopacea* Csy. 05-103 Mass.  
 13. *inops* (Csy.) 84-135 L.Sup.?

**Lathrolepta** Csy. 05-103

4014. *debilis* (Lec.) 80-176 Mass.-Ia.

**Tetartopeus** Czwł. 88-349

4015. *captiosus* Csy. 05-106 Mont.  
 16. *punctulatus* (Lec.) 63-42 Ind. Mass.-  
     ?terminatus (Grav.) 02-55 Dak. Fla.  
     ?fulvipenne Grav. 06-104 Eur. Man.  
     †Greenland.  
 17. *hebes* Csy. 05-106 Idaho.  
 18. *rubripennis* Csy. 05-107 Mass.-Ia.  
 19. *callidus* Csy. 05-107 ?Ind.  
 20. *semiruber* Csy. 05-107 Ind. Iowa.  
 21. *floridanus* Csy. 05-108 Fla.  
 22. *angularis* (Lec.) 63-43 Mass. R.I. Fla.  
 23. *furvulus* Csy. 05-109 Mass.  
 24. *tetricus* Csy. 05-110 Tex.  
     a. *nigrescens* Csy. 05-109 Pa.  
     b. *agitans* Csy. 05-110 N.Y.  
 25. *finitimus* (Lec.) 80-175 Vanc. B.C.  
 26. *stibium* Csy. 05-111 Mont.  
 27. *niger* (Lec.) 63-43 Mass.-Wis.  
     ?quadratum Payk. 89-29 Man.  
 28. *lacustris* Csy. 05-112 Eur. Sib.  
     Ont.

**Deratopeus** Csy. 05-112

4029. *nitidulus* (Lec.) 80-175 Mass. Fla.  
     Mich.  
 30. *parvipennis* Csy. 05-113 Mass.

**Eulathrobium** Csy. 05-114

4031. *grande* (Lec.) 63-42 Ind. R.I.-  
     Mich.

**Lathrotropis** Csy. 05-115

4032. *caseyi* Blaisd. 06-71 Cal.  
 33. *puncticeps* (Lec.) 80-175 So. Cal.  
     lecontei (Duviv.) 83-76  
 34. *jacobina* (Lec.) 63-43 So. Cal. Nev.  
     a. *relicta* Csy. 05-116  
 35. *gnoma* Csy. 05-117 Cal.  
 36. *validiceps* Csy. 05-117 Cal.  
 37. *subseriata* (Lec.) 80-175 Cal. Vanc.  
 38. *vafra* Csy. 05-118 Cal.  
 39. *ustulata* Csy. 05-118 B.C.]

**Lobrathium** Rey 77-29

4040. *tacomæ* Csy. 05-120 Wash.  
 41. *montanicum* Csy. 05-121 Mont.  
 42. *coloradense* Csy. 05-121 Colo.  
 43. *bipartitum* Csy. 05-122 Wash.

**Lathrotaxis** Csy. 05-122

4044. *centurio* Csy. 05-123 Ariz.  
 45. *longiuscula* (Grav.) 02-181 Ind. N.Y.-Ia.-  
     [Tex. Conn.]

**Lathrotaxis** Csy.

4046. *soror* Csy. 05-124 Tex.  
 47. *fallaciosa* Csy. 05-124 Tex.  
 48. *praeceps* Csy. 05-125 Ariz.  
 49. *angusta* Csy. 05-125 N.Mex.  
 50. *acomana* Csy. 05-126 Tex. N.Mex.  
 51. *rubricollis* Csy. 05-126 Mont. Ut.  
     Ariz.  
 52. *expressa* Csy. 10-185 Ariz.  
 53. *canora* Csy. 10-185 Ariz.  
 54. *polita* (Grav.) 02-180 M.St. Fla.  
 55. *floridæ* Csy. 05-127 Fla.  
 56. *californica* (Lec.) 63-44 So. Cal.  
 57. *atronitens* Csy. 05-128 So. Cal.  
 58. *galvestonica* Csy. 05-128 Tex.  
 —. *castanea* (Grav.) 02-52 N. Am.

**Pseudolathra** Csy. 05-129

4059. *analís* (Lec.) 80-177 Ind. Ia. La.  
     *americana* (Duviv.) 83-161 [Tex.  
 60. *leviceps* Csy. 05-130 Miss. Ind.

**Paralathra** Csy. 05-130

4061. *filicornis* Csy. 05-131 Colo.

**Linolathra** Csy. 05-131

4062. *gaudens* Csy. 05-132 Tex.  
 63. *dimidiata* (Say) 34-455 Tex. Ind. Fla.  
     *horni* (Duviv.) 83-162  
 64. *filitarsis* Csy. 05-133 Va.-Tex.  
     *dimidiata* (Lec.) 80-177 (nec Say) Ariz.  
 65. *lituaria* (Lec.) 80-177 Tex. Ariz.  
     So. Cal.

**Lathrobiella** Csy. 05-133

4066. *atriventrís* Csy. 10-186 R.I.  
 67. *nigricans* Csy. 05-134 Tex.  
 68. *ventralis* (Lec.) 80-177 N.J. Kan.?  
     ?tricolor (Csy.) 84-133 N.J. [Fla.  
 69. *barda* Csy. 05-135 Pa.  
 70. *gracilicornis* Csy. 05-136 Ia. Neb.  
 71. *oregonensis* Csy. 05-136 Or.  
 72. *fallax* Csy. 05-136 Tenn.  
 73. *robustula* Csy. 10-186 Ind.  
 74. *collaris* (Er.) 40-599 Ind. Mass.-Ia.  
 75. *vagans* Csy. 05-137 No. Dak. [Fla.  
 76. *habilis* Csy. 05-137 Nev.  
 77. *merens* Csy. 05-138 Va.  
 78. *æmula* Csy. 05-138 N.C.  
 79. *cupida* Csy. 10-186 Mass.  
 80. *modesta* Csy. 05-139 Miss.  
 81. *fragilis* Csy. 05-139 N.Y.  
 82. *rubida* Csy. 05-140 Pa. Ind. Miss.  
 83. *famelica* Csy. 05-140 Ia.  
 84. *ambigua* (Lec.) 80-177 Ia. L. Sup. Ind.  
 85. *integra* Csy. 05-141 ?Ind.  
 86. *angustula* Csy. 05-141 N.C.  
 87. *depressula* Csy. 10-187 N.Y.

**Microlathra** Csy. 05-142

4088. *pallidula* (Lec.) 80-177 Fla. Mass.  
     S.I. Ind.  
 89. *rutilans* Csy. 05-144 Pa.  
 90. *lineiformis* Csy. 10-187 Iowa.

**Dacnochilus** Lec. 63-49

4091. *lætus* Lec. 63-47 La. Tex.  
     *angularis* Er. † 40-614 Fla.



**Acalophæna** Sharp 86-554

4092. *compacta* Csy. 05-146 Ariz.  
       *?angularis* (Er.) 40-614 So.Am.Mex.

*Lithocharis***Aderocharis** Sharp 86-552

4093. *corticinus* (Grav.) 02-184 Pa.-Ia.  
       *millipunctatus* (Say) 34-456 Ind. Fla.  
       *rufescens* (Nordm.) 36-148

**Lithocharis** Lac. 35-431

- (*Metaxyodonta* Csy. 86-4)  
 4094. *ochracea* (Grav.) 02-59 Mich.Eur.&  
       N.Am. Fla.  
       *alutacea* Csy. 86-29 Cal. Atl.-Pac.  
       *quadricollis* Csy. 86-30 Cal. [So.Cal.  
       *californica* Bnhr. 12-241 So.Cal.  
       *simplex* || Csy. 05-149  
       *sonorica* Csy. 05-150 Ariz.  
       *opacicollis* Horn mss. Bull. Ia. 98-159  
       *speciosa* Fvl. mss. Bull. Ia. 98-159

*Medones***Neomedon** Sharp 86-557

4097. *arizonense* Csy. 05-156 Ariz.  
       *piciventris* Fall 07-220 N.Mex.

**Polymedon** Csy. 05-156

4099. *tabacinum* Csy. 05-156 Ariz.

**Sciiocharis** Arrib. 84-260

- (?*Thiniocharis* Kr. 59-142)  
 4100. *nubipennis* Csy. 05-157 Tex.  
       *carolinensis* Csy. 05-157 N.C.D.C.Ind.  
       *congruens* Csy. 05-158) Miss.

*(Sciiocharella* Csy. 05-158)

03. *delicatula* Csy. 05-159 Ala. Ind.

*(Medonella* Csy. 05-180)

04. *minuta* Csy. 05-180 Fla.

**Trachysectus** Csy. 86-32

4105. *confluentus* (Say) 34-456 R.I.-Minn.  
       *confluens* (Er.) 40-615 [Ind. Conn.]

**Hemimedon** Csy. 05-160

4106. *rufipes* Csy. 05-160 N.C. Va.  
       *angustum* Csy. 05-161 Va.

**Medon** Steph. 32-273

4108. *sinuatocolle* Csy. 86-14 No.Cal.  
       *helenæ* Csy. 05-162 Idaho.  
       *lepidum* (Csy.) 86-16 Cal.  
       *lacustre* Csy. 05-163 Cal.  
       *convergens* (Csy.) 86-15 Cal.  
       *insulare* Csy. 05-163 Vanc.  
       *puberulum* (Csy.) 86-17 Cal.  
       *americanum* Csy. 05-164 Pa.  
       *inquiliuum* Csy. 05-164 Colo.  
       *nitidulum* Csy. 05-165 N.Mex.  
       *explicans* Csy. 10-188 Colo.  
       *opaculum* Csy. 05-165 Cal.  
       *texanum* Csy. 05-165 Tex.

**Paramedon** Csy. 05-166

4121. *vancouveri* Csy. 05-167 Vanc.  
       *shastanicum* Csy. 05-167 Cal.  
       *latiusculum* (Csy.) 86-19 Cal.  
       *malacum* (Csy.) 86-18 Cal.

**Paramedon** Csy.

4125. *humboldti* Csy. 05-168 Cal.  
       *kernianum* Csy. 05-169 Cal.  
       *consanguineum* (Csy.) 86-21 Cal.  
       *contiguum* (Csy.) 86-22 Cal.  
       *subsimile* Csy. 05-169 Cal.  
       *difforme* Csy. 05-170 Cal.  
       *retrusum* (Csy.) 86-25 Cal.  
       *sublestum* (Csy.) 86-21 Cal.  
       *languidum* (Csy.) 86-28 Cal.  
       *apachcanum* Csy. 05-171 Ariz.  
       *luctuosum* (Csy.) 86-24 Cal.  
       *gulare* Csy. 05-172 Cal.  
       a. *distans* Csy. 05-172 Cal.  
       *pallescens* Csy. 05-172 Cal.  
       *conforme* Csy. 05-173 Cal.  
       *gregale* (Csy.) 86-26 Cal.  
       *mimulum* (Csy.) 86-27 Cal.  
       *falli* Blatch. 10-432 Ind.  
       *debile* Csy. 05-174 Cal.  
       *tahoense* Csy. 05-174 Cal.  
       *montanum* Csy. 05-175 Cal.  
       *boreale* Csy. 05-175 Idaho.  
       *pallidipenne* Csy. 10-189 Cal.  
       *arizonicum* Csy. 05-175 Ariz.  
       *oriens* Csy. 10-189 N.Mex.  
       *pinalicum* Csy. 05-176 Ariz.

**Medonodonta** Csy. 05-176

4149. *alutacea* Csy. 05-177 N.Mex.

**Oxymedon** Csy. 05-177

4150. *rubrum* Csy. 05-177 Cal.

**Tetramedon** Csy. 05-178

4151. *rufipenne* Csy. 05-178 N.Y.

**Platymedon** Csy. 89-184

4152. *laticolle* Csy. 89-184 Ind. Ill. Neb.  
       *nevadicum* Csy. 05-179 Nev. [Man.]

**Xenomedon** Fall 12-11

4154. *formicaria* Fall 12-12 So.Cal.

**Oligopterus** Csy. 86-12

4155. *remotus* Csy. 05-181 Cal.  
       *cuneicollis* Csy. 86-12 Cal.  
       *filum* Csy. 05-182 Cal.  
       *flexilis* Csy. 05-182 Mont.

**Caloderma** Csy. 86-5

4159. *rugosa* Csy. 86-5 So.Cal.  
       a. *semibrunnea* Csy. 05-183 Cal.  
       b. *angulata* Csy. 86-7 Cal.  
       c. *continens* Csy. 86-6 Cal.  
       *pollens* Csy. 05-184 Cal.  
       *mobilis* Csy. 86-8 Cal.  
       *reducta* Csy. 86-11 Cal.  
       *luculenta* Csy. 86-10 Cal.  
       *peregrina* Csy. 05-185 Nev.-Wash.  
       *conjux* Csy. 05-185 Nev.  
       *contracta* Csy. 05-185 Cal.  
       *discolor* Csy. 05-185 Cal.-Wash.  
       *tantilla* Csy. 86-12 Cal.  
       *mollis* Csy. 05-186 So.Cal.  
       *exilis* Csy. 05-186 So.Cal.  
       *brevipennis* Csy. 05-186 Cal.  
       *quadripennis* Csy. 05-186 B.C.



**Hypomedon** Rey 77-122

4173. debilicornis Woll. 57-194 Cosmop.  
debilis Woll. ‡ S.C.Tex.

**Pseudomedon** Rey 77-122

(*Ramona* Csy. 86-213)

4174. thoracicum Csy. 05-188 Mass. Ind.  
?obsoletum (Nordm.) 36-416

- a. ruficollis Csy. 05-188  
b. clarescens Csy. 05-188  
75. alabamæ Csy. 05-189  
76. capitulum Csy. 86-213

**Lena** Csy. 86-211

4177. testacea Csy. 05-190 Tex. Fla.

*Scopæi***Leucorus** Csy. 05-192

4178. ferrugineus Csy. 05-193 Ariz.  
79. luridus Csy. 05-193 So.Cal.  
80. ochrinus Csy. 05-193 Colo.  
81. rubens Csy. 05-194 Iowa.

**Pycnorus** Csy. 05-194

4182. dentiger (Lec.) 80-179 Mass. Ind.  
83. armiger (Fall) 02-225 So.Cal. [Man.  
84. iowanus Csy. 05-196 Iowa.

**Orus** Csy. 84-604

4185. longicollis Csy. 05-197 Cal.  
86. parallelus Csy. 86-227 Cal.  
87. boreellus Csy. 05-197 Idaho.  
88. montanus Fall 02-223 So.Cal.  
89. sonomæ Csy. 05-198 Cal.  
90. pugetanus Csy. 05-198 Wash.  
91. robustulus Csy. 05-199 Cal.  
92. pallidus Csy. 05-199 Ariz.  
93. pinalinus Csy. 05-199 Cal.  
94. deceptor Csy. 05-200 Nev.-Wash.  
95. punctatus Csy. 84-138 Cal. [So.Cal.  
96. filius Csy. 05-200 Cal.  
97. distinctus Csy. 05-201 So.Cal.  
98. fraternus Fall 02-223 Cal.  
99. shastanus Csy. 05-201 Cal.  
4200. provensis Csy. 10-190 Ut.  
01. femoratus Fall 02-223 Cal.

**Pseudorus** Csy. 10-190

4202. cervicula (Csy.) 05-202 Cal.  
03. spectralis Csy. 10-190 Ut.  
04. prolixipennis Csy. 10-191 Cal.

**Scopæus** Er. 40-604

(*Leptorus* Csy. 86-217)

4205. texanus Csy. 86-221 Tex.N.Mex.  
06. gilensis Csy. 05-205 Ariz. [So.Cal.  
07. crassulus Csy. 05-205 Ala.  
08. carolinæ Csy. 05-205 N.C.  
09. longiceps Csy. 86-224 Tex.  
10. longipennis Fall 02-225 So.Cal.  
11. picipes Csy. 84-137 N.J. Fla. Tex.  
12. arizonæ Csy. 05-206 Ariz. Tex.  
13. notangulus Csy. 05-207 Ia. L.Sup.  
14. versicolor Csy. 86-224 Tex.  
bicolor Csy. 86-222 Tex.  
15. hudsonicus Csy. 05-207 N.Y.  
16. exiguus Er. 40-608 Pa.R.I.N.Y.  
Ind. Fla.

**Scopæus** Er.

4217. macilentus Csy. 05-208 N.C.  
18. degener Csy. 05-208 N.Y.  
19. angustissimus Csy. 05-208 N.C.  
20. californicus Fall 02-224 So.Cal.  
21. delicatus Csy. 05-209 N.Y.Va.Miss.  
22. brachypterus Csy. 05-209 Iowa.  
23. saginellus Csy. 05-209 Ala.  
24. quadripennis Csy. 05-210 Tex.

**Scopæoma** Csy. 05-211

4225. brunnipes (Lec.) 80-179 Vanc.  
26. puritana Csy. 05-212 Mass.  
27. rotundiceps (Csy.) 86-217 Cal.  
28. procera Csy. 05-213 Colo.  
29. angusticeps Csy. 05-213 Nev.  
30. truncaticeps (Csy.) 86-219 So.Cal.

**Scopæopsis** Csy. 05-214

4231. opaca (Lec.) 63-46 D.C.N.C.  
Miss. Fla.  
32. elaborata Csy. 05-215 Tex.  
33. pallens Csy. 05-215 Tex.  
34. ventralis Csy. 05-216 L.I.N.C.  
35. duryi Csy. 05-216 Ohio.

**Scopæodera** Csy. 86-217

4236. nitida (Lec.) 63-47 La. Tex.  
So.Cal.  
37. sonora Csy. 05-218 So.Cal.

*Stilici***Stilicus** Latr. 25-495

(*Rugilus* Leach)

4238. opaculus Lec. 80-178 D.C.  
39. oregonus Csy. 05-221 Or.  
40. latiusculus Csy. 84-139 L.I.-Va.  
41. rudis Lec. 63-46 N.Y.Pa.D.C.  
42. apicalis Csy. 05-222 R.I.  
43. angularis Er. 40-634 Ind. R.I.  
44. occiduus Fall 02-225 L.Sup.Tex.  
45. oblitus Fall 07-221 So.Cal. [Fla.  
46. lacustrinus Csy. 05-224 N.Mex.  
47. biarmatus Lec. 80-178 L.Sup. Ia.  
a. abbreviellus Csy. 05-224 Man. Mass.  
48. dentatus Say 34-457 N.Y. [Ind.  
N.Y.-Tex.  
Ind. Fla.  
a. luculentus Csy. 05-225 R.I.  
b. nigrolucens Csy. 05-225 Miss.  
c. minusculus Csy. 05-226 R.I.

**Pachystilicus** Csy. 05-226

4249. quadriceps (Lec.) 80-178 Cal.  
50. hanhami (Wickh.) 98-220 Man.

**Megastilicus** Csy. 89-183

4251. formicarius Csy. 89-183 Mass.-Ind.

**Stilicolina** Csy. 05-228

4252. tristis (Melsh.) 46-40 D.C. Pa.

**Omostilicus** Csy. 05-229

4253. sonorinus Csy. 05-230 Ariz.

**Acrostilicus** Hubb. 96-299

4254. hospes Hubb. 96-299 Fla.

*Stilicopses***Stilicopsis** Sachse 52-144

4255. paradoxa Sachse 52-145 Ind.N.C.Fla.  
56. subtropica Csy. 10-191 Fla.

**Stamnoderus** Sharp 86-607

4257. monstrosus (Lec.) 63-48 La. Va. Fla.  
 58. carolinæ Csy. 05-233 N.C.  
 59. pallidus Csy. 05-233 Fla.

*Sunii***Astenus** Steph. 32-275*(Sunius* Er. 39-523)

4260. prolixus (Er.) 40-639 Va. Pa. Fla.  
 61. strigilis (Csy.) 05-237 Tex. [Man.  
 62. americanus (Csy.) 05-237 N.Y.-Va.  
 63. linearis (Er.) 40-639 N.Y. Ind. Fla.  
 64. spectrum (Csy.) 05-238 R.I.  
 65. binotatus (Say) 23-154 Ia. Ind. Fla.  
 66. cinctus (Say) 34-457 N.Y.-Ia.  
 67. simulans (Csy.) 05-239 Iowa.  
 68. inconstans (Csy.) 05-239 Tex.  
 69. ornatellus (Csy.) 05-240 Miss..  
 70. brevipennis (Aust.) 76-6 Iowa, Man.  
 71. fusciceps (Csy.) 05-240 Va.  
 72. discopunctatus (Say) 34-457 R.I.-Tex. Ind.  
     centralis (Aust.) 76-7

**Astenus** Steph.

4273. zuni (Csy.) 05-241 N.Mex.  
 74. arizonianus (Csy.) 05-241 Ariz.  
 75. tenuiventris (Csy.) 05-242 So. Cal. Ariz.  
 76. similis (Aust.) 76-7 Tex. Ariz.  
 77. sectator (Csy.) 05-242 Mont.  
 78. longiusculus (Mann.) 30-39 Nev.-B.C.  
     ? trisignatus (Boh.) 58-32 [So. Cal.  
 79. robustulus (Csy.) 05-243 Nev. Cal.  
 80. californicus (Aust.) 76-6 So. Cal.  
 — variegatus Solsky 67-114 N. Am.

*Echiasteres***Echiaster** Er. 40-636

4281. ludovicianus Csy. 05-247 Miss. La.

**Leptogenius** Csy. 86-214

4282. brevicornis Csy. 86-214 N.C. Tex. Ind.  
     virginicus Fall 01-304 Va.  
     sallei Fvl. ‡ Sz. 78-441 Fla.

**STAPHYLININÆ****XANTHOLININI***Xantholini*

## Casey 06

**Saurohypnus** Sharp 85-501

4283. scutellaris Sharp 85-502 Tex. Mex.

**Gauropterus** Thoms. 60-187*(Eulissus* Csy. 06-366 nec Mann.)

4284. fulgidus (Fab.) 87-220 †Eur. & N. Am.  
     R. I. N. J.  
     Mass.

**Nudobius** Thoms. 60-188

4285. cephalus (Say) 34-52 Mass.-Ind.  
     Fla. Nfld. So.  
     Cal. Ariz. B.C.  
     Man. Conn.

    assinilis (Kby.) 37-88  
     consentaneus (Nordm.) 37-122  
     flavipennis (Nordm.) 37-121  
     kiesenwetteri (Sachse) 52-123  
     palliatulus (Melsh.) 46-34

86. nubipennis Csy. 06-381 Ut.  
 87. phoenicis Csy. 06-382 Ariz.  
 88. arizonicus Csy. 06-382 Ariz. N. Mex.  
 89. pugetanus Csy. 06-382 Wash. Or.  
 90. limbalis Csy. 06-383 Cal.  
 91. corticalis Csy. 06-383 Cal.  
 92. debilis Csy. 06-383 No. Cal.  
 93. luridipennis Csy. 06-383 Tex. Ala.  
 94. elegantulus Csy. 06-384 W. Va. [W. Va.

**Xantholinus** Serv. 25-475

4295. picipennis Lec. 80-172 So. Cal.-B.C.  
 — punctulatus (Payk.) 89-30 Eur. & N. Am.?

**Gyrohypnus** Mann. 30-7

4296. obsidianus (Melsh.) 46-34 N.Y.-Or.  
 97. linearis (Blatch.) 10-395 Ind. [Conn.  
 98. temporalis (Lec.) 80-172 Fla.  
     floridæ (Duviv.) 83-70  
 99. dimidiatus (Lec.) 80-173 So. Cal. Ariz.  
 4300. infumatus Csy. 06-388 So. Cal.  
     01. bipartitus Csy. 06-388 Ariz.

**Gyrohypnus** Mann.

4302. emmesus (Grav.) 02-176 Conn.-La.  
     sanguineolentus (Melsh.) 46-34 [Fla. Ind.  
 03. luteiventris Csy. 06-389 La.  
 04. fusciceps (Lec.) 80-173 (nec Fauv.) N.Y.-Ia. Ind.  
 05. indianensis (Blatch.) 10-396 Ind. [Fla.  
 06. fucosus Csy. 84-126 N.J. Va.  
 07. melanops Csy. 06-390 L.I.-Colo.  
     \*  
 08. hamatus (Say) 34-453 R.I.-Man.  
     obscurus (Er.) 40-330 Ariz.  
     So. Cal.  
     N. Mex. Ind.  
 09. oregonus Csy. 06-392 Or.  
 10. protractus Csy. 06-392 Wis.  
 11. mollinus Csy. 06-392 Cal.  
 12. sanguinipennis (Lec.) 80-174 N.J. Pa.  
     lecontei (Duviv.) 83-70  
 13. gilvipennis Csy. 06-393 N.Y.  
 14. pusillus (Sachse) 52-124 Ind. Va.-Mex.  
     Fla. Ariz.  
     So. Cal. Conn.  
     Nev.-Man.  
     Mont.-Ariz.

\*\*

*(Hypnogyra* Csy. 06-394)

17. vernicatus Csy. 06-395 Iowa  
 18. micans Csy. 06-395 O.  
 19. gularis (Lec.) 80-173 Mich. Ind.

\*\*\*

20. nanus (Lec.) 80-174 So. Cal.

**Xestolinus** Csy. 06-397

4321. abdominalis Csy. 06-398 Ariz.  
 22. oviceps Csy. 06-398 Ut.

**Lissohypnus** Csy. 06-398

4323. texanus Csy. 06-399 Tex.

**Leptacinus** Er. 39-429

4324. cephalicus Lec. 80-170 S.C. N.Y.  
 a. rubricollis Csy. 06-400 Ky. Mo.  
 ?rubricollis Reitt. 99-157  
 ?parumpunctatus (Gyll.) 27-481 Mo. Tex.  
 Cosmop.

**Leptacinodes** Csy. 06-401

4325. flavipes (Lec.) 63-41 Fla. L.I. N.J.  
 seriatus (Lec.) 80-169 [Ia. Ind.  
 ?batychnus (Gyll.) 27-480 Eur. & N. Am?  
 26. nigrifolius (Lec.) 80-169 Ind.-Cal.  
 27. lustrans Csy. 06-403 Colo.  
 28. pallidulus (Lec.) 80-169 So. Cal.

**Stictolinus** Csy. 06-404

4329. grandiceps (Lec.) 63-42 Cal.  
 30. æqualis Csy. 06-405 Cal.  
 31. scolopaceus Csy. 06-406 Mass.-Wis.  
 32. franciscanus Csy. 06-406 Cal.

**Habrolinus** Csy. 06-406

4333. tahoensis Csy. 06-407 Cal.

**Nematolinus** Csy. 06-407

4334. longicollis (Lec.) 63-41 R.I.-Mo.

**Lithocharodes** Sharp 76-204

4335. pallidus Csy. 06-410 Tex.  
 36. nigripennis (Lec.) 63-42 La. Fla.  
 37. ruficollis (Lec.) 63-42 Ind.-Tex.

**Hesperolinus** Csy. 06-411

4338. parvus (Lec.) 63-41 Cal.  
 brunnescens (Lec.) 80-169 So. Cal.  
 39. bicolor Csy. 06-413 So. Cal.  
 40. alticola Csy. 06-414 Nev.  
 41. borealis Csy. 06-414 Vanc.  
 42. pomonæ Csy. 06-414 So. Cal.

**Hesperolinus** Csy.

4343. angustus Csy. 06-415 So. Cal.  
 44. piceus Csy. 06-415 No. Cal.

**Leiolinus** Csy. 06-416

4345. utcanus Csy. 06-417 Ut.  
 46. tarsalis Csy. 06-417 Nev.

**Leptolinus** Kr. 58-647

4347. rubripennis Lec. 80-171 O.Ind.Ia.Tex.

**Microlinus** Csy. 06-419

4348. pusio (Lec.) 80-171 S.C. Fla.

**Oligolinus** Csy. 06-420

- (*Metoponcus* Kr. ‡)  
 4349. floridanus (Lec.) 80-170 Fla.

*Othii***Parothius** Csy. 06-423

- (*Othius* ‡ Steph. 32-253)  
 4350. californicus (Mann.) 43-228 Cal.

**Baptolinus** Kr. 58-659

4351. macrocephalus (Nordm.) 37-124 N.H. B. C.  
 Alas. Nfld.  
 52. americanus Csy. 06-426 L. Sup.  
 pilicornis Payk. ‡ 90-335 Eur.  
 53. quadripennis Csy. 06-427 Idaho.  
 54. punctiventris Fall 02-221 Cal. Vanc. Ut.  
 55. fraternus Csy. 06-428 No. Cal.  
 — longiceps Fauv. 72-374 Eur. & N. Am.?  
 Can. N.Y.  
 W. Va. N.C.

*Diochi***Diochus** Er. 40-300

4356. schaumii Kr. 60-27 R.I.-Tex. Ind.  
 57. brevipennis Csy. 06-431 Va.-Mo. [Fla.  
 58. thoracicus Csy. 06-432 L.I.  
 59. pallidiceps Csy. 06-432 Tex.

## STAPHYLININI

*Staphylini*

## Horn 78, 84

**Neobisnius** Gangl. 95-464

- (*Bisnius* ‡ auct. nec Thoms.)  
 (*Actobius* Fauv. ex parte)  
 4360. procerulus (Grav.) 06-95 Eur. & N. Am.  
 semipunctatus (Fairm.) 72-431 [Cal. Nev.  
 61. sobrinus (Er.) 40-512 Pa. Ind.  
 62. agnatus (Er.) 40-513 La. [So. Cal.  
 63. gratus (Lec.) 63-38 So. Cal. Ariz.  
 64. pæderoides (Lec.) 63-38 Ind. Conn.  
 Ariz. So. Cal.  
 65. formosus (Fall) 02-221 So. Cal. [Man.  
 66. jocosus (Horn) 84-232 Del. N.C. Ind.  
 67. jucundus (Horn) 84-232 S.C.  
 68. elegantulus (Horn) 84-232 So. Cal. Ariz.  
 69. terminalis (Lec.) 63-38 Can.-Tex.  
 70. umbripennis (Lec.) 63-38 Pa.-Fla.  
 71. lepidulus (Lec.) 63-37 Ga.

**Actobius** Fauv. 74-72

4372. cinerascens (Grav.) 02-49 Eur. N. Am.  
 Ind. Fla. Pa.  
 Mich.  
 73. nanus Horn 84-225 N. Eng. Can.  
 Ind.

**Actobius** Fauv.

4374. inutilis Horn 84-225 N. Eng. Mich.  
 75. fraterculus Horn 84-226 Ill. Ind. Mich.  
 76. senilis Horn 84-226 Colo. Cal.  
 77. infimus Horn 84-227 Cal.  
 78. ocreatus Horn 84-228 So. Cal.  
 79. patella Horn 84-229 Mich. N.Y.  
 80. loxatus Horn 84-229 D.C. Ind. Fla.  
 81. puncticeps Horn 84-230 So. Cal.  
 82. pusio Horn 84-230 Colo.  
 83. parvus Horn 84-230 Fla. D.C. Ind.  
 Mich.

**Philonthus** Curtis 25-610

4384. politus (L.) 58-683 Eur. & N. Am.  
 Nfld.  
 æneus (Rossi) 90-249 Pa. O. Ind.  
 Mich.  
 mandibularis Kby. 37-92 N.Y. Mass.  
 Can. N.S.  
 H.B.T. Colo.  
 Alas.  
 L.I. Va.  
 harrisi Melsh. 44-35  
 85. chalceus Steph. 32-227



**Philonthus** Curtis

4386. *fervus* Nordm. 37-88 Nfld. Vanc.  
N. Am. Mex.  
Cal.
- a. *californicus* Mann. 43-230 Can. Pa. Tex.  
*comptus* Hald. 52-375 So. Cal.-Vanc.  
So. Cal.
87. *sericinus* Horn 84-182 Vanc.  
88. *nitescens* Horn 84-182 Cal. Vanc.  
89. *alutaceus* Horn 84-183 Eur. & N. Am.  
90. *perversus* Horn 84-183 Mass. N.J.  
91. *bucephalus* Horn 84-184 Ind. Mo.  
92. *umbratilis* (Grav.) 02-170 Can.-Ga. Ind.  
*subfuscus* (Gyll.) 10-326 Ariz.
93. *laetulus* (Say) 34-449 Pa. D.C. Nfld.  
94. *gentilis* Horn 84-185 N.C. Eur. Sib.  
95. *asper* Horn 84-185 Eur. & N. Am.  
96. *fuscipennis* Mann. 30-28 *politus* || (Fab.) 75-266 Tex. [N.C.?  
97. *irinus* Horn 84-186 Eur. & N. Am.?  
98. *atratus* (Grav.) 02-21 H.B.T.
99. *semiruber* Horn 84-187 So. Cal. Ariz.  
4400. *duplicatus* Bnhr. 14-336 Colo. Wy. Br.  
*basalis* || Horn 84-187 [Am.
01. *lautus* Csy. 15-433 Wy.  
02. *cautus* Er. 40-446 N.C.-Fla.  
03. *hepaticus* Er. 40-451 Fla. No. & So.  
Am. Ind.
- cinctulus* Melsh. 46-167 U.S. & Can.  
*?nanus* Melsh. 46-36 [Ariz. So. Cal.  
*palleolus* Melsh. 46-37  
*?varicolor* Boh. 58-29
04. *wacoensis* Csy. 15-430 Tex.  
05. *laxellus* Csy. 15-431 N. Mex.  
06. *pumilio* Csy. 15-431 Man.  
07. *longiventris* Csy. 15-432 Mont.  
08. *lacustris* Csy. 15-432 Minn.  
09. *convergens* Csy. 15-432 Mont.  
10. *scutellatus* Csy. 15-434 Cal.
- \*
11. *incertus* Solsky 67-135 Mex. Ariz.  
*gracilicornis* Horn 84-190
12. *umbrinus* (Grav.) 02-169 N.Y.-S.C. Ind.  
*moestus* (Grav.) 06-47
13. *flavolimbatus* Er. 40-471 So. Cal. No. &  
So. Am. Gulf  
St. Fla. Ariz.  
Ind. Can. Colo.  
Nev.-Wash.  
So. Cal.-Vanc.  
Ariz.?
14. *palliatu*s (Grav.) 06-53 Ariz. Cal.  
15. *pubes* Horn 84-192 Ind. N.Y. Mo.  
16. *grandicollis* Horn 84-193 Mich.
- ?quisquiliarius* (Gyll.) 10-335 Cosmop.  
19. *theveneti* Horn 84-194 Cal. Nev.  
20. *debilis* (Grav.) 02-35 Eur. & N. Am.  
Atl.-Neb.  
Ind. Fla.
21. *varians* (Payk.) 89-45 Eur. & N. Am.  
L.I. N.Y. N.J.  
Ariz.?
- a. *agilis* (Grav.) 06-77 Eur. & N. Am.  
*niger* Melsh. 46-38
22. *cervicalis* Csy. 15-437 N.Y.  
23. *longicornis* Steph. 32-237 Cosmop. Fla.  
Ind. Ariz. So.  
Cal. Nfld.
- scybalarius* Nordm. 37-94 U.S. & Can.  
*promptus* Er. 40-929

**Philonthus** Curtis

4424. *discoideus* (Grav.) 02-38 Cosmop. So.  
*ruficornis* Melsh. 46-38 Atl.-Ariz. [Cal.  
25. *thermarum* Aubé 50-316 Cosmop. Mo.  
26. *gopheri* Hubb. 94-308 Fla. [D.C.
- \*\*
27. *alumnus* Er. 40-490 N.Y.-Fla.-  
Ariz. So. Cal. &  
[Porto Rico.
- a. *rufulus* Horn 84-198  
b. *atriceps* Horn 84-198
28. *innocuus* Horn 84-190 Ariz.  
29. *thoracicus* (Grav.) 02-170 Gulf St. Ind.  
Mich. Kan.
30. *fusiformis* Melsh. 46-38 Can. Colo. Ind.  
Mich. Kan.
31. *fulvipes* (Fab.) 92-256 Eur. & N. Am.  
*horni* (Fvl. mss.) Horn 84-200 N.Y. Ind. Can.  
Mass.
32. *occidentalis* Horn 84-200 Okla.-Ut.  
33. *schwarzi* Horn 84-201 Ind. Mass.  
Mich.
34. *hudsonicus* Horn 84-201 H.B.T. Can.  
35. *pettiti* Horn 84-201 So. Cal. Wash.  
36. *triangulum* Horn 84-202 So. Cal. Wash.  
37. *ferreipennis* Horn 84-202 So. Cal. Wash.  
38. *caurinus* Horn 84-203 No. Cal. Vanc.  
39. *crotchii* Horn 84-203 Vanc. Ariz.  
40. *arizonensis* Horn 84-203 Ariz.  
41. *micans* (Grav.) 02-25 Ind. Eur. & N.  
Am. Mich.  
Mass. Nfld.  
Mont.
42. *flavibasis* Csy. 15-437 Ind. U.S. Can.  
43. *lomatus* Er. 40-482 [Fla. Ariz.  
a. *georgianus* Sachse 52-143 D.C.  
44. *cunctans* Horn 84-205 Can. L. Sup.  
45. *æqualis* Horn 84-205 Can.-Tex. Ind.  
46. *brunneus* (Grav.) 02-172 [Fla.  
*sericans* (Grav.) 02-171  
*dimidiatus* Say 34-450  
*brevis* Melsh. 46-37  
*picatus* Kby. 37-93
- \*\*\*
47. *cyanipennis* (Fab.) 92-525 Eur. & N. Am.  
Ind.  
E. U.S. Ky.
- amœnus* (Oliv.) 94-26  
*cœrulcipennis* Mann. 30-27 Ind. Can. Va.  
[Ill.
48. *blandus* (Grav.) 06-72 Mich. Kan.  
*pulchellus* Melsh. 46-36 Ind. Eur. &  
*pæderinus* Sachse 52-126 N. Am. So. Cal.  
49. *quediinus* Horn 84-209 Can.-Cal.  
50. *sordidus* (Grav.) 02-176 Nev.  
*longipennis* Prov. 77-730 Eur. & N. Am.  
51. *filicornis* Horn 84-210 Mass. Nfld.  
52. *cephalotes* (Grav.) 02-22 S.C.-Tex. No.  
& So. Am. Ariz.  
So. Cal.
53. *inquietus* Er. 40-928 Cosmop. Ind.  
Mich. Mo. Nev.  
Vanc. Nev.  
Cal.
54. *versutus* Horn 84-211 Mass. Pa.  
55. *ventralis* (Grav.) 02-174 Colo.  
*anthrax* (Grav.) 02-176 L. Sup. Man.  
56. *distans* Horn 84-211 No. Cal. Alas.  
57. *molliculus* Csy. 15-436 Nev.  
58. *fallaciosus* Horn 84-212 Ariz.  
59. *inversus* Horn 84-239  
60. *brevipennis* Horn 84-212  
61. *siegwaldi* Mann. 43-230  
62. *crassulus* Horn 84-213  
63. *horni* Bnhr. 14-341  
*parvus* || Horn 84-214

**Philonthus** Curtis

4464. clunalis Horn 84-213 So. Cal.  
 65. flumineus Csy. 15-439 Mo.  
 66. bidentatus Horn 84-214 Cal.-Vanc.  
 67. virilis Horn 84-215 Vanc. So. Cal.  
 68. punctatellus Horn 84-215 Nev. H.B.T.  
 69. ottawensis Csy. 15-438 Can.  
 70. nigriritulus (Grav.) 02-41 Ind. Eur. & N. Am.  
 aterrimus (Grav.) 02-41 N. Eng.-Vanc.  
 pumilus Mann. 30-32 [So. Cal. Ariz.  
 71. picipennis Mäkl. 52-313 Alas.  
 72. multipunctatus Blatch. 10-389 Ind.  
 73. microphthalmus Horn 84-216 N. Eng.-Vanc.  
 74. cephalicus Csy. 15-438 Man. [Va. Ind.  
 75. linearis Csy. 15-439 B. C.  
 76. nanellus Csy. 15-440 No. Ill.  
 77. decipiens Horn 84-217 Cal.  
 78. albionicus Mann. 43-231 Cal. Alas. Ariz.  
 79. adustus Csy. 15-440 Cal.  
 80. instabilis Horn 84-218 Colo. Wy. So.  
 81. picicornis Horn 84-218 Nev. [Cal.  
 82. atrolucens Csy. 15-434 Cal.  
 83. validus Csy. 15-435 N. Y. Pa.

\*\*\*\*

84. serpentinus Horn 84-219 Ky. Ind.  
 85. quadrulus Horn 84-221 So. Cal. Ariz.  
 86. gracilior Csy. 15-444 Cal.  
 87. sagax Csy. 15-445 Ariz.  
 88. viridanus Horn 84-221 M. St.-Mo.  
 89. confertus Lec. 63-40 Ill. Can. Ia.  
 90. protervus Csy. 15-443 Kan.  
 91. finitimus Csy. 15-443 No. Ill. Man.  
 92. stictus Hausen 91-321 Can.  
 93. lecontei Horn 84-222 So. Cal.-Colo.  
 94. morosus Csy. 15-441 Cal.  
 95. vulgatus Csy. 15-442 N. Y. Can.  
 96. pansatus Csy. 15-442 Colo. [Minn.  
 97. aurulentus Horn 84-222 Mich.-Wash. Ind.  
 98. nematocerus Csy. 15-436 B. C.  
 99. nobilis Bnhr. 10-381 N. Mex.  
 4500. perforatus Fvl. 89-114 N. Am. (Nfld?)

**Cafius** Steph. 32-245

- (*Bryonomus* Csy. 86-313)  
 4501. canescens Mäkl. 52-313 So. Cal.-Alas.  
 02. seminitens Horn 84-236 So. Cal.  
 (*Remus* Holme 37-64)  
 03. johnsoni Fall 16-13 Wash.  
 04. lithocharinus Lec. 63-38 So. Cal.  
 05. luteipennis Horn 84-237 So. Cal.  
 06. bistriatus Er. 40-502 Atl. St. Fla.  
 07. sulcicollis Lec. 63-40 So. Cal.  
 08. femoralis Mäkl. 53-189 Alas.  
 mutatus G. & H. 68-590  
 09. sericeus Holme 37-64 N. J. Eur. & N. Am. Fla.  
 10. decipiens Lec. 63-40 So. Cal. (C. I.?)  
 11. opacus Lec. 63-40 So. Cal.  
 dubius Lec. 63-39 Cal.

**Hesperus** Fauv. 72-426

4512. apicalis (Say) 34-451 Can.-Ga. Ind.  
 hæmaturus (Er.) 40-504

**Hesperus** Fauv.

4513. baltimorensis (Grav.) 02-163 M. & S. St. Ind.

**Belonuchus** Nordm. 37-129

4514. formosus (Grav.) 06-72 Atl. St. Ind.  
 pallipes Melsh. 46-35 [Fla. Ariz.  
 15. chippiatus (Say) 34-448 Mex. Ariz.  
 ?erythropterus Solsky 68-137 Mex. ? U. S. So.  
 16. punctiventris Csy. 15-446 Ariz. [Cal.  
 17. laticeps Csy. 15-446 So. Cal.  
 18. jacobianus Csy. 15-447 So. Cal.  
 19. texanus Csy. 15-447 Tex.  
 20. moquinus Csy. 84-125 Ariz.  
 ?xanthomelas Solsky 67-139 Mex. (? Ariz.)  
 21. quadrifer Csy. 15-448 Ariz.  
 22. arizonicus Csy. 15-448 Ariz.  
 23. pallidus Csy. 15-449 Fla.  
 24. pollens Sharp 85-441 Mex. (? U. S.)

**Staphylinus** L. 58-421

4525. nigrellus Horn 79-188 No. Cal. Or.  
 26. badipes Lec. 63-36 Ariz.  
 carbonatus Lec. 63-36 N. Eng.-Mich.  
 27. pleuralis Lec. 61-343 [Ind.  
 28. saphyrinus Lec. 61-342 Ut. Or. Vanc.  
 29. luteipes Lec. 61-342 Cal. So. Cal.  
 30. erythropterus L. 58-422 Cal. So. Cal.  
 caesareus † Lec. 78-597 Eur. & N. Am.  
 31. caesareus Cederhj. 98-335 [Man. Mich.  
 ornaticauda Lec. 63-37 Eur. & N. Am.  
 32. vulpinus Nordm. 37-53 Vt. Can.  
 33. maculosus Grav. 02-165 M. St. Ind.  
 viduatus Fab. 01-591 Atl. St.-Mex.  
 erythropennis Mann. 30-22 [Conn. Ind.  
 34. mysticus Er. 40-926 N. Y. Mo. Ga.  
 Ind. Conn.  
 35. tarsalis Mann. 43-229 Alas. So. Cal.  
 submetallicus Lec. 61-342 [Ariz.  
 36. femoratus Fab. 01-594 So. St. Ga.  
 varipes Sachse 52-126  
 37. tomentosus Grav. 02-161 M. St. La. Ind.  
 38. pinorum Csy. 15-427 N. C. [Fla.  
 39. fluviaticus Csy. 15-428 Mo.  
 40. temporalis Csy. 15-429 N. C. Fla.  
 41. neomexicanus Bnhr. 14-381 N. Mex.  
 modestus † Fall 07-219  
 42. lucanus Horn 94-362 L. Cal.  
 43. fossator Grav. 02-164 Mich. Ind. Ga.  
 [Conn.  
 a. immaculatus (Fvl. mss.) Horn 79-194  
 44. comes Lec. 63-36 Ga. Fla. Ind.  
 45. cinnamopterus Grav. 02-164 Me. Ind. Cal.  
 zonatus Grav. 02-162 [Fla. Conn.  
 badius Mann. 30-23  
 46. violaceus Grav. 02-132 Can. Ind. N. C.  
 a. cupripennis Melsh. 46-35 [Conn.  
 47. rutilicauda Horn 79-196 Or.  
 48. viridanus Horn 79-196 N. Eng.-Mich.  
 49. exulans Er. 40-374 Can.-Ga.  
 50. prælongus Mann. 30-24 Mass.-Pa.  
 cicatricosus Lec. 63-37 Fla.

**Ocypus** Kr. 58-536

4551. ater (Grav.) 02-161 Pa. N. S. Can.  
 Eur. & N. Am.  
 Ind. Conn.  
 N. Y. N. J. La.  
 Kan.



## 109

**Ontholestes** Gangl. 95-417  
*(Listotrophus* † Horn nec Perty 30-32)  
*(Leistotrophus* Cr. 73-31)  
 4552. *cingulatus* (Grav.) 02-166 E. N.Am.  
    Vanc. Conn.  
             *chrysurus* (Kby.) 37-94 [Ind.  
             *speciosus* (Mann.) 30-21  
 53. *capitatus* (Bland) 64-65 Ont.N.Y.  
    Conn.

*Xanthopygi*  
**Tympanophorus** Nordin. 37-9  
 (*Euryporus* † auct. nec Er.)  
 4554. *puncticollis* Er. 40-554 N.Am.

<b>Creophilus</b> Mann. 30-16	
4555. maxillosus (L.) 58-421	Eur.&N.Am. (Greenland?)
a. arcticus Er. 40-348	Sib. Alas.
b. villosus (Grav.) 02-160	Fla. Ind. Lab. Nfld. Ariz. So. Cal. Conn.

<b>Thinopinus</b> Lec. 52-215	50.0
4556. <i>pictus</i> Lec. 52-216	Cal.
a. <i>variegatus</i> (Mots.) 52-78	Alas.

**Hadrotes** Lec. 61-342  
4557. *crassus* (Mann.) 46-509 Alas.-So.Cal.  
a. *extensus* Lec. 61-342 Cal.

**Trigonopselaphus** G. & H. 68-597  
 (*Trigonophorus* || Nordm. 37-81)  
 4558. subcœruleus (Lec.) 63-35 Tex.

**Xanthopygus** Kr. 58-539  
4559. cacti Horn 68-131 Ariz.

QUEDIINI

Horn 78; Casey 15

*Tanygnathi*

**Tanygnathus** Er. 39-417

4560. bicolor Csy. 15-424 Fla.  
collaris Horn 78-150 (nec Er.)

61. acuminatus Csy. 15-425 Tex.

*Quedii*

**Acylophorus** Nordm. 37-127

4562. *glaberrimus* (Hbst.) 84-151 Eur. & N. Am.  
Mex. Ariz.

63. *pratensis* Lec. 63-34 Kan.

64. *flavicollis* Sachse 52-143 Pa. Ind. Kan.  
Tex.

65. *pronus* Er. 40-521 So. Cal. U.S.  
Ind. Fla. Man.

a. *gilensis* Lec. 63-34 Ariz.

b. *longistylus* Csy. 15-426 Fla.

66. *caseyi* n. m.

*longicornis* || Csy. 15-427 N.Y.

67. *densus* Lec. 78-387 Fla. Md.

68. *lecontei* Duv. 83-136 Fla. Ohio.

*flavipes* || Lec. 78-387

**Heterothops** Steph. 32-256  
 4569. *fumigatus* Lec. 63-35 Mich. M.St.-  
 Cal. Ariz.  
 a. *fuscus* Lec. 63-35 Ind. Mass.  
 b. *californicus* Lec. 63-35 So. Cal.  
 70. *carbonatus* Fall 01-220 So. Cal.  
 71. *pusio* Lcc. 63-35 So. Cal. Ariz.  
 N.Y. Pa. O.  
 Ind.  
 72. *mediocris* Fall 07-220 N. Mex. So. Cal.  
 73. *occidentis* Csy. 86-263 So. Cal. Ariz.  
*exilis* || Csy. 86-208

**Quedius** Steph. 32-215  
 (*Hemiquedius* Csy. 15-397)  
 4574. *ferox* Lec. 78-388 Mass. Can. Ind.  
 Fla. La.  
 (*Quedionuchus* Shp. 87-336)  
 75. *laevigatus* (Gyll.) 28-306 Eur. & N. Am.  
 Nfld Alas.  
*plagiatus* Mann. 43-231 Alas. Pa. Can.  
 Ind. Ga. Kan.  
 76. *longipennis* Mann. 46-509 Alas. Or. [Or.  
*rufipennis* Mäkl. 53-109 Alas.  
 (*Paraquedius* Csy. 15-397)  
 77. *puncticeps* Horn 78-166 Vanc.

**Quedius** Steph.  
(*Anaquedius* Csy. 15-397)  
4578. vernix Lec. 78-389 Mass. Can.  
(*Quedius* Steph. s.str.) [Ill. Ind. Mich.  
79. molochinus (Grav.) 06-46 Lab. Eur. N.H.  
?picipennis Payk. 00-373 Vanc. Alas.  
Colo. Nfld. No.  
80. strenuus Csy. 15-401 Tex. Ariz. [Ga.

(*Quediellus* Csy. 15-398)

81. nanulus Csy. 15-402	Cal. Or.
82. debilis Horn 78-165	Cal. Vanc.
83. helenæ Csy. 15-403	Mont.
84. humilis Csy. 15-403	Cal.
85. densiventris Csy. 15-404	Mont.

(*Distichalius* Csy. 15-398)  
86. capucinus (Grav.) 06-40      Alas. So. Cal.  
   Fla.  
         inversus Say 34-449      Ind. Ga.  
         bardus Melsh. 46-39      N.Y. Va. Ia.  
         ater Zieg. 46-266

a. pediculus Nordm. 37-79	Alas.
87. nevadensis Csy. 15-405	Nev.
88. marginalis Mäkl. 52-315	Alas.-Cal.
89. brunneipennis Mann. 43-232L.	Sup.-Alas.
90. ænescens Mäkl. 52-315	Alas.
91. agnatus Csy. 15-406	Man.
92. virginicus Csy. 15-406	Va. N.J.
93. oculcus Csy. 15-407	B.C.
94. sparsus Csy. 15-407	Cal.

(*Microsaurus* Steph. 32-215)

95.	peregrinus (Grav.) 06-53	N.C. R.I.D.C.
	silvicola Csy. 84-123	Pa. [Ind.]
a.	terminatus Melsh. 46-39	N.C.
96.	rutilans Csy. 15-409	Cal.
97.	canadensis Csy. 15-409	Que.
98.	criddlei Csy. 15-410	Man.
99.	erythrogaster Mann. 52-314	Alas. So. Cal.
		N.Y. Eur.

4600. *mesomelinus* (Marsh.) 02-510  
 a. *grœnlandicus* Zett. 28-61  
     *?fulgidus* (Fab.) 87-220



**Quedius** Steph.

4601. iracundus Say 34-449 Ia.Ind.So.Cal.  
fulgidus † Horn 78-158(nec Fab.)  
02. breviceps Csy. 15-411 Greenland-La.  
03. limbifer Horn 78-162 B.C.  
04. desertus Horn 78-161 So.Cal. Vanc.  
05. rubidulus Csy. 15-413 So.Cal. Ariz.  
06. pinalicus Csy. 15-413 Ariz. [Ut.  
07. fontinalis Csy. 15-414 N.Mex.  
08. curtipennis Csy. 15-414 Man.  
09. montanicus Csy. 15-414 Mont.  
10. divergens Csy. 15-415 Cal.  
11. uteanus Csy. 15-415 Ut.  
(*Raphirus* Steph. 32-215)  
12. seriatus Horn 78-166 Vanc. Cal.  
13. probus Csy. 15-417 Cal.  
14. prostans Horn 78-165 So.Cal.No.Cal.  
15. rupimontis Csy. 15-418 Colo. [Vanc.  
16. orbiceps Csy. 15-418 Mont.  
17. solitarius Csy. 15-419 N.W.St.?

**Quedius** Steph.

4618. fulvicollis Steph. 32-244 Lab.Me-Vanc.  
hyperboreus Er. 40-547 Alas.Colo.  
19. pugetanus Csy. 15-419 Eur. Ind.Nfld.  
20. ?sublimbatus Mäkl. 53-190 Wash.  
Lab.Alas.  
(*Quediochrus* Csy. 15-420) L.Sup. Ind.  
21. spelæus Horn 71-332 [Sib.  
Ind.Colo.Fla.  
22. quadriceps Csy. 15-421 Man.  
(*Anastictodera* Csy. 15-421)  
23. compransor Fall 12-40 Kan.  
24. boops Grav. 02-26 Greenland.  
— transparens Mots. 45-358 Cal.
- Megaquedius** Csy. 15-421  
4625. laxatus Csy. 15-422 Cal.  
26. explanatus (Lec.) 58-61 So.Cal. Mont.  
27. manitobensis Csy. 15-423 Man. [Ariz.  
— melanocephalus Mann. 52-315 Alas.

**OXYPORINÆ**

## OXYPORINI

Fauvel 64; Leconte 77

**Oxyporus** Fab. 75-267

4628. femoralis Grav. 02-196 N.J. D.C. O.  
a. pulcher Zieg. 44-43 Ga. N.J.  
29. austrinus Horn 85-135 La.  
30. elegans Lec. 77-215 O. Conn. N.J.  
31. major Grav. 06-234 D.C.  
32. rufipennis Lec. 63-51 W.St.N.J.  
33. stygicus Say 34-459 D.C.  
34. vittatus Grav. 02-195 Ind. D.C. O.  
a. cinctus Grav. 02-196 Pa.Ind.Conn.  
O. N.J. D.C.  
Pa.

**Oxyporus** Fab.

- b. dimidiatus Melsh. 46-39 Pa.  
4635. fasciatus Horn 85-135 D.C.  
36. bicolor Fauv. 64-371 S.C. N.C. N.J.  
D.C.  
37. lateralis Grav. 02-195 Pa.Ind.Conn.  
O. N. J. D. C.  
N.J. O. D. C.  
a. brevis Melsh. 46-39  
38. occipitalis Fauv. 64-371 S.C.Ind.Wash.  
39. lepidus Lec. 77-215 N.Y. D.C.  
40. quinquemaculatus Lec. 63-61 Pa. D.C.

**TACHYPORINÆ**

Horn 77; Casey 95

## HYPOCYPHTINI

**Hypocyphtus** Mann. 30-581

- (*Hypocyphtus* auct.)  
4641. longicornis (Payk.) 89-340 Eur.&N.Am.  
ziegléri Lec. 63-30 Pa. Mass.  
42. crotchii Horn 77-86 B.C.  
43. nigrutilus Lec. 78-510 Colo.

**Hypocyphtus** Mann.

4644. læviusculus Mann. 30-58 Eur.&N.Ám.  
Mass.  
**Microcyphtus** Horn 82-1<sup>1</sup>  
(*Anacyptus* || Horn 77-87)  
4645. testaceus (Lec.) 63-30 Ga. Ariz. Fla.

## TRICOPSENIINI

**Trichopsenius** Horn 77-88<sup>1</sup>

4646. depressus (Lec.) 63-30 Fla. Ga. Ind.  
Mass. Tex.La.  
Fla. Cal.

**Xenistusa** Lec. 80-166<sup>1</sup>

4647. cavernosa Lec. 80-167 Tex.  
48. fossata Lec. 80-167 Tex.  
49. pressa Lec. 80-167 Tex.

## TACHYPORINI

**Tachinus** Grav. 02-135

4650. maculicollis Mäkl. 52-311 Alas. Vanc.  
51. semirufus Horn 77-94 Cal.  
52. memnonius Grav. 02-192 N.H.-B.C.  
batychrous Grav. 02-191 [N.C. Ind.  
rufus Sachse 52-121  
53. tachyporoides Horn 77-94 Cal.Vanc.B.C.

**Tachinus** Grav.

4654. agilis Horn 77-95 So.Cal.  
55. angustatus Horn 77-95 Cal. Colo.  
56. debilis Horn 77-96 So.Cal. Vanc.  
57. repandus Horn 77-96 N.Y.La.Ind.  
58. scrutator Horn 77-97 Ill.[Mich.Nfld.  
discoideus || Melsh. 44-32

<sup>1</sup> Termitophilous (see Proc. Ent. Soc. Wash. I. 160).

**Tachinus** Grav.

4659. *mimus* Horn 77-97 Or.  
 60. *addendus* Horn 77-97 L.Sup.  
 61. *parallelus* Horn 77-98 Ill.Can.Lab.  
 62. *nigricornis* Mann. 43-325 Alas. Vanc.  
 63. *flavipennis* Dej. 36-80 Can.Ind.Ga.  
     *luridus* † Horn 77-98 (nec Er.)  
 64. *luridus* Er. 40-920 Can.Ind. Ill.  
     *canadensis* Horn 77-99  
 65. *fimbriatus* Grav. 02-191 Can.Ind.N.C.  
 66. *picipes* Er. 40-257 Can. Va.  
 67. *schwarzi* Horn 77-100 Mich.  
 68. *limbatus* Melsh. 44-32 M.St. Conn.  
 69. *fumipennis* Say 34-466 Pa. Fla.  
     *axillaris* Er. 40-261  
     *colonus* Sachse 52-121  
 70. *pallipes* Grav. 06-20 Ind. Eur. &  
     *frigidus* Er. 40-256 N.Am. Man.  
 71. *crotchii* Horn 77-101 Va.-Can. Alas.  
 72. *instabilis* Mäkl. 53-185 Vanc. [Pa.  
     *apterus* Mäkl. 53-186 Cal. Alas.  
 73. *basalis* Er. 40-262 Asia-Kan.-  
     *circumcinctus* Mäkl. 52-310 Alas.  
 74. *nitiduloides* Horn 77-102 Alas. Can.  
 75. *elongatus* Gyll. 28-251 Can.-Md.  
     *ferrugineus* Esch. i litt. Can. Alas. & [Eur.  
 76. *rufipes* DeG. 52-24 Alas. Eur. &  
     *arcticus* Mots. 60-122 N.Am.  
     — *propinquus* Mann. 43-226 Sib. & N.Am.  
     — *puncticollis* Zieg. 44-267 Alas. [Alas.  
     N.Am.

**Tachyporus** Grav. 06-1

4678. *maculipennis* Lec. 66-374 Ill. Mich. Ga.  
     *elegans* Horn 77-103 Ind. Kan.  
 80. *pulehrus* Blatch. 10-447 Can. Ind.  
     *?obtus* (L.) 58-684 Ind.  
 81. *jocosus* Say 34-466 Eur.  
     *arduus* Er. 40-237 Fla. Mich. Ga.  
     *chrysomelinus* (L.) 46-855 Ind. Eur. Sib.  
     Conn.  
     a. *acaudus* Say 34-467 Fla. L. Cal.  
     b. *maculicollis* Lec. 66-374 Eur. & Can.  
 83. *californicus* Horn 77-104 Nfld.  
 84. *nanus* Er. 40-240 Sib. Ind.  
 85. *macropterus* Steph. 32-186 Can.  
     *scitulus* Er. 39-395 Or.-L. Cal.  
     *nitidulus* Fab. 81-337 Can.-Pa.  
     *brunneus* (Fab.) 92-535 La. Ind. Eur.  
     *faber* Say 34-468 D.C.  
     Cosmop. Ind.  
     [So. Cal.]

**Leucoparyphus** Kr. 57-393

- (*Cilea* Duval 58-25)  
 4687. *silphoides* (L.) 58-684 Eur. & N.Am.  
     *marginellus* (Grav.) 02-192 Mass.-So. Cal.  
     *geminatus* (Rand.) 38-39

**Erchomus** Mots. 58-218

- (*Coproporus* Kr. 58-399)  
 4688. *convexus* (Er.) 40-248 Brazil.  
     *inflatus* Horn 77-107 Ariz.  
 89. *punctipennis* (Lec.) 63-31 Ariz. So. Cal.  
 90. *ventriculus* (Say) 34-466 E. U.S. Ind.  
     *gibbulus* (Er.) 40-252 [Fla. Conn.  
     *acuductus* (Kby.) 37-90  
     *affinis* (Kby.) 37-91  
     *punctulatus* (Melsh.) 44-32  
     *flavidus* Csy. 84-140 Pa.  
 91. *politus* Mance 15-175 N.C.  
 92. *lævis* (Lec.) 63-31 Gulf St. Ind.  
     Fla.  
 93. *infimus* Duv. 57-33 W.S. (Fla.?)

**Physetoporus** Horn 77-106

- (? *Tachinomorphus* Kr. 59-54)  
 4694. *grossulus* (Lec.) 63-31 Ariz.

**Conosoma** Kr. 58-431

- (*Conurus* || Steph. 32-188)  
 4695. *knoxii* Lec. 66-374 Pa. Mich. Ind.  
     Wis.  
 96. *littoreus* (L.) 46-852 Mass. Can.  
     Eur.  
 97. *opicus* (Say) 34-467 Gulf St. Ind.  
     *cinctulus* (Er.) 40-226 N.Y. Va. [Fla.  
     *corticola* Csy. 84-146 Pa.  
 98. *imbricatus* Csy. 95-439 N.Y. N.J. Pa.  
     Fla.  
     ? *pubescens* Horn 77-111 (nec Payk.) Eur. & N.Am.?  
     ? *testaceus* (Fab.) 92-535  
     *adepts* Zimm. i. litt.  
 99. *limuloides* Csy. 95-441 Ia.  
 4700. *velocipes* Csy. 95-442 N.Y. N.J. Va.  
 01. *castaneus* Horn 77-111 So. Cal. Ariz.  
 02. *virginiae* Csy. 95-443 Va.  
 03. *macer* Csy. 95-443 S.C. Va.  
 04. *bipustulatus* (Grav.) 02-132 Eur. Asia,  
     N.Am. Nev.  
     So. Cal.  
     Conn. Ind. Fla.  
 05. *basalis* (Er.) 40-225 Pa.  
     *puliarius* (Sachse) 52-120 D.C. Mass.  
     *setifer* Csy. 84-147 Can. Gulf St.  
 06. *occultus* Csy. 84-145 [Ind. Fla.  
 07. *crassus* (Grav.) 02-190 Pa.  
     *moestus* (Say) 34-466 N.C.  
 08. *versicolor* Csy. 84-142 Tex.  
 09. *debilis* Csy. 95-447 Ind.  
 10. *subtilis* Csy. 95-448 N.C. Fla.  
 11. *carinulus* Blatch. 10-451 Fla. Mich. La.  
 12. *parvulus* Horn 77-111 Ind. R.I. N.Y.  
 13. *scriptus* Horn 77-112 Ind.  
 14. *elongatus* Blatch. 10-450 Cal.  
 15. *heathi* Wasm. 02-95<sup>1</sup>

## BOLITOBIIINI

**Bolitobius** Steph. 32-171

- (*Bryocharis* Lac. 35-502)  
 (Megachronus Steph. 32-165)  
 4716. *niger* (Grav.) 02-193 Ill. Pa. Can.  
 17. *arizonensis* Bnhr. 12-681 Ariz. [Mich.

**Bolitobius** Steph.

4718. *axillaris* (Grav.) 06-29 Gulf St.  
     *facilis* Csy. 84-148 Pa. D.C.  
 19. *dimidiatus* Er. 40-276 Gulf St. Ind.  
 20. *nepigonensis* Bnhr. 12-681 Ont.

<sup>1</sup> Termitophilous (see Proc. Ent. Soc. Wash. I. 160).

**Bolitobius** Steph.

4721. intrusus Horn 77-115 Can. Pa. Ind.  
 22. cingulatus (Mann.) 30-64 Eur. Ind. Can.  
     Pa. B.C. Or.  
 23. cincticollis Say 34-465 Pa.-B.C. Ind.  
     Conn. So. Cal. [Ariz.  
     bimaculatus Couper 65-61 Wash.  
     occiduus Csy. 84-150 Nfld. N. Eng.  
 24. anticus Horn 77-117 Mich. Ind.  
     Eur. Gulf St.  
     B.C. Ind. Fla.  
 25. pygmæus (Fab.) 81-339  
     ? thoracicus Fab. 77-242  
     trimaculatus Say 34-464  
     venustus Melsh. 46-33  
     binotatus Melsh. 46-33  
 26. angularis Sachse 52-122  
 27. trinotatus Er. 40-279 Mass. Alas.  
 28. pœcilus Mann. 52-312 Alas. [Ind. Fla.  
 29. obsoletus (Say) 34-464 Va.-Tex.  
     sellatus Sachse 52-122  
 30. cinctus (Grav.) 02-193 E. U.S. B.C.  
     atricaудatus (Say) 23-158 [Ind.  
     a. gentilis Lec. 63-31  
 31. longiceps Lec. 63-32 Can. L. Sup.  
 32. quæstor Horn 77-119 N.Y. Ill.  
     rostratus || Lec. 63-32 Ill.  
 33. elefas Bnhr. 12-681 N.J.  
 34. biseriatus Mann. 46-508 Alas.  
 35. exoletus Er. 39-409 Eur. & N. Am.  
     Mich.  
 35½. californicus Bnhr. 12-680 Cal.  
     — analis Payk. 89-47 Eur. & N. Am.?

**Bryoporus** Kr. 58-452

4736. flavipes Lec. 63-32 La.

**Bryoporus** Kr.

4737. rufescens Lec. 63-33 Lab. Mich.-  
     Fla. Ariz.  
     rubidus Lec. 63-33 Pa.-Ind.  
     testaceus Lec. 63-33 Cal. Fla.  
     parvulus Csy. 84-151 Pa.  
**Mycetoporus** Mann. 30-62  
 4738. humidus Say 34-65 Fla.-Cal. Ind.  
     lepidus ‡ (Grav.) 06-26  
 39. horni Leng 18-204  
     tenuis || Horn 77-122 L. Sup.  
 40. consors Lec. 63-34 Mich. Ind.  
 41. neotomæ Fall 10-100 So. Cal.  
 42. americanus Er. 40-285 Pa. Ill. Ind.  
     a. lucidulus Lec. 63-33 Fla.  
 43. flavicollis Lec. 63-33 La. Mich. Fla.  
     a. pictus (Fvl. mss.) Horn 77-123 [Ind.  
 44. splendidus (Grav.) 06-24 Cal. L. Sup.  
     B.C. Eur.  
     americanus ‡ Horn 77-122 (nec Er.)  
     inquisitus Csy. 84-152 Pa.  
 45. hospitalis Fall 10-101 Cal.  
 46. californicus B. & S. 16-450 No. Cal.  
     myops || Fall 10-102 Alas.  
 47. insignis Mäkl. 53-186 Alas.  
 48. nigrans Mäkl. 53-187 Eur. & N. Am.  
 49. punctus (Gyll.) 08-248 Mass.  
 50. punctipennis Scriba 68-155 Eur. & N. Am.  
     Ill. Mo.  
 51. brunneus (Marsh.) 02-524 Eng. & N. Am.  
     N. H.  
     — longulus Mann. 30-63 Eur. & N. Am.

**HABROCERINÆ****HABROCERINI****Habrocerus** Er. 39-400

4752. schwarzi Horn 77-124 Mich.

**Habrocerus** Er.

4753. magnus Lec. 78-598 L. Sup.

**TRICHOPHYINÆ****TRICHOPHYINI****Trichophya**<sup>1</sup> Mann. 30-73

- (*Eumitocerus* Csy. 86-206)  
 4754. tarsalis (Csy.) 86-207 Cal.

**Trichophya** Mann.

4755. pilicornis Gyll. 10-417 N.Y. Eur.  
 56. lativentris Csy. 97-549 Colo.

**ALEOCHARINÆ**

Eichelbaum 09; Fenyès 08; Casey 93, 06, 10, 11; Bernhauer 01, 14

**DEINOPSINI****Deinopsis** Matth. 38-193

- (*Dinopsis* ‡ auct.)  
 4757. americana Kr. 57-38 La. Va. Ind.  
     a. rapida Csy. 11-235 Ia.

**Deinopsis** Matth.

4758. myllaenoides Kr. 57-38 Fla. La. Miss.  
 59. harringtoni Csy. 11-234 Can. [Ind.]

**GYMNUSINI****Gymnusa** Grav. 06-172

4760. brevicollis (Payk.) 00-398 Eur. & N. Am.  
     Can. L. Sup.  
     Mich.

**Gymnusa** Grav.

4761. atra Csy. 11-233 Mass. Can.  
 62. variegata Kies. 45-223 Eur. & N. Am.  
 63. grandiceps Csy. 15-395 R.I. [Mich.]

<sup>1</sup> This genus cannot be associated with *Habrocerus* according to Casey, 1897, who described *Eumitocerus* in *Tachyporini* in 1886. We follow Ganglbauer in placing it in a separate subfamily. In the Junk Col. Cat. pars 67, p. 441, *Eumitocerus tarsalis* is cited in *Habrocerinæ*.



## MYLLAENINI

**Myllæna** Er. 39-382

4764. dubia (Grav.) 06-173

65. intermedia Er. 39-383

66. minuta (Grav.) 06-174

67. fuscipennis Kr. 57-36

68. infuscata Kr. 53-373

69. fenyesei Bnhr. 07-381

70. vulpina Bnhr. 07-381

71. insomnis Csy. 11-236

72. audax Csy. 11-236

73. abdita Csy. 11-237

74. insipiens Csy. 11-237

75. obscurata Csy. 11-238

76. procidua Csy. 11-238

77. arcana Csy. 11-239

78. ludificans Csy. 11-239

Mich. Mass.

Can.

Eur.&amp;N.Am.?

Eur.&amp;N.Am.?

Mo.Ind.Eur.&amp;

La. [N.Am.

Fla.W.Va.

Mass.Eur.&amp;

So.Cal.[N.Am.

Ind.Pa.W.Va.

Mass.

N.Y.

N.J.

Pa.

N.J.

N.Y.

Ia.

R.I.

**Myllæna** Er.

4779. brevivestis Csy. 11-240

80. immunda Csy. 11-240

81. decreta Csy. 11-241

82. impellens Csy. 11-241

83. brevicollis Csy. 11-241

84. frivola Csy. 11-242

85. esuriens Csy. 11-242

86. vegeta Csy. 11-243

87. umbra Csy. 11-243

88. scobinella Csy. 11-244

89. molesta Csy. 11-244

90. dissimulans Csy. 11-244

R.I.

Can.

Cal.

Cal.

Cal.

Nev.

Cal.

Cal.

Cal.

B.C.

Cal.

Cal.

**Tetralina** Csy. 11-224

4791. helenæ Csy. 11-225

92. filitarsis Csy. 11-225

93. alutacea Csy. 11-226

Mont.

Mont.

Cal.

## HYGRONOMINI

**Bamona** Sharp 87-287

4794. carolinæ Csy. 06-355

95. falliana Csy. 93-378

96. tenuissima Csy. 06-356

N.C.

So.Cal.

Cal.

**Gyronychina** Csy. 11-218

4804. attenuata (Csy.) 85-306

lineata (Csy.) 93-376

fenyesi (Bnhr.) 06-337

longipennis Csy. 11-219

Cal.

Nev.

So.Cal.

Cal.

**Leptobamona** Csy. 11-216

4797. pertenuis (Csy.) 93-77

N.J.

**Alisalia** Csy. 11-219

4805. brevipennis Csy. 11-220

06. parallela Csy. 11-220

07. testacea Csy. 11-221

08. minutissima Csy. 11-221

09. delicata Csy. 11-222

10. austiniana Csy. 11-222

11. bistrata (Bnhr.) 09-528

12. antennalis Csy. 11-223

R.I.

Tex.

N.C.

N.C.

Colo.

Tex.

Pa.

Tex.

**Gyronycha** Csy. 93-372

4798. valens Csy. 93-373

99. texana Csy. 93-373

4800. obscura Csy. 93-375

01. fusciceps Csy. 93-376

02. lepida Csy. 11-217

03. longicornis Csy. 11-217

Tex.

Tex.

So.Cal.

Ind.N.Y.N.C.

N.C.

N.Y.

## OLIGOTINI

**Somatium** Woll. 54-563

4813. effugens Csy. 11-227

14. nugator Csy. 94-379

15. pallescens Csy. 11-227

16. claviger Csy. 94-380

17. oviformis Csy. 94-381

18. lustrans Csy. 11-228

19. abruptum Csy. 11-228

O.

Pa.

Ia.

Ia.

So.Cal.

Mo.

Miss.

**Oligota** Mann.

4822. puncticollis Csy. 11-229

23. apicata Er. 39-365

24. parva Kr. 62-300

25. pusillima (Grav.) 06-175

26. parallela Csy. 11-232

27. linearis Csy. 11-232

28. californica Csy. 11-230

29. congruens Csy. 11-230

30. esmeraldæ Csy. 11-231

31. texana Csy. 11-231

Ia.

Eur.&amp;N.Am.?

Eur.&amp;N.Am.

Mass.Mo.

Eur.&amp;N.Am.

L.I. [Mass.

N.Y.

Cal.

Cal.

Nev.

Tex.

**Oligota** Mann. 30-72

4820. pumilio Kies. 58-53

21. pedalis Lec. 66-372

Tex.D.C.Mo.

Eur.&amp;N.Am.?

D.C.

## BOLITOCHARINI

**Autalia** Mann. 30-14

4832. puncticollis Sharp 64-45

33. elegans Csy. 86-204

34. copiosa Csy. 11-180

35. truncatula Csy. 11-180

36. brevicornis Csy. 11-181

Wash. Eng. &amp;

Cal. [N.Am.

Cal.

Alas.

B.C.

**Amenusa** Csy. 11-196

4839. spissula Csy. 11-197

Cal.

**Placusa** Er. 39-370

(Amenusa Csy. 06-349)

4840. complanata Er. 40-194

Eur.&amp;N.Am.

Mass.

Eur.&amp;N.Am.?

Eur.&amp;N.Am.

43. angustula Csy. 06-349

44. despecta Er. 40-197

So.Cal. [Mass.

Fla.Eur.&amp;

N.Am. S.C.

**Apheloglossa** Csy. 94-348

4837. rufipennis Csy. 94-349

Ariz.

**Pectusa** Csy. 11-197

4838. oblonga Csy. 11-198

Miss.

**Placusa** Er.

4845. *tacomæ* Csy. 94-350 Wash.  
 46. *frosti* Csy. 11-186 Mass.  
 47. *arizonica* Csy. 11-186 Ariz.  
 48. *strata* Csy. 11-187 Cal.  
 49. *turbata* Csy. 11-188 V.C.  
 50. *petulans* Csy. 11-188 Cal.  
 51. *vaga* Csy. 11-189 Cal.

**Silusa** Er. 39-377

(Stenusa Kr. 58-47)

4852. *alternans* (Sachse) 52-118 N.Am.  
 53. *gracilis* (Sachse) 52-119 N.Am.  
 54. *californica* Bnhr. 05-249 So.Cal.  
 55.<sup>1</sup>  
 56. *decolorata* Csy. 06-345 Cal.  
 57. *valens* Csy. 06-344 N.Y.  
 58. *vesperis* Csy. 94-351 Cal.  
 59. *rutilans* Csy. 11-190 Pa.  
 60. *modica* Csy. 11-190 Ia.  
 61. *senescans* Csy. 11-191 Ia.  
 62. *densa* Fenyes 09-418 So.Cal.  
 63. *opaca* Fenyes 09-418 Cal.

**Diaulota**<sup>2</sup> Csy. 94-353

4864. *densissima* Csy. 94-354 Alas.B.C.Cal.  
 a. *insolita* Csy. 94-355 Alas.

**Euvira** Sharp 83-278

4865. *debilis* Sharp 83-281 Guat.(U.S.?)

**Amblopusa**<sup>2</sup> Csy. 94-355

(Amblyopusa Eich. 09-209)

4866. *borealis* Csy. 06-354 Alas. B.C.  
 67. *brevipes* Csy. 94-356 Alas. B.C.  
 68. *pallida* Csy. 11-212 Vanc.

**Ecitoxenia**<sup>2</sup> Wasm. 01-232

4869. *brevipes* Brues 02-185 Tex.

**Thecturota** Csy. 94-357

4870. *laticeps* Csy. 11-208 Tex.  
 71. *capito* Csy. 94-358 Tex.  
 72. *fracta* Csy. 11-209 Ariz.  
 73. *nevadica* Csy. 11-209 Nev.  
 74. *histrion* Csy. 11-210 Va.  
 75. *demissa* Csy. 94-359 N.Y.  
 76. *tenuissima* Csy. 94-358 R.I.  
 77. *exigua* Csy. 94-360 Ia.  
     ?subtilior (Bnhr.) 07-396 So.Cal.  
     (*Oligurota* Csy. 94-361)  
 78. *pusio* Csy. 94-362 Ind.  
     (*Hemithecta* Csy. 11-211)  
 79. *ruficollis* Csy. 11-211 So.Cal.

**Thectura** Thoms. 58-32

4880. *cuspidata* Er. 40-96 Ohio, Eur. &  
 81. *americana* Csy. 94-360 N.Y. [N.Am.]

**Leptusa** Kr. 56-60

4882. *hæmorrhoidalis* Heer 38-332 Eur. & N. Am.  
     Mass.S.C.Ill.  
     Tex.  
 83. *americana* Bnhr. 05-251 So.Cal.

**Leptusa** Kr.

4884. *atrocephala* Bnhr. 05-250 So.Cal.  
 85. *brevicollis* Csy. 94-363 Pa.  
 86. *canonica* Csy. 06-351 Miss.  
 87. *caseyi* Fenyes 08-58  
     *tricolor* || Csy. 06-351 Ia. Ohio.  
 88. *nebulosa* Csy. 11-199 Ohio.  
 89. *iowensis* Csy. 11-200 Ia.  
 90. *elegans* Blatch. 10-342 Ind.  
 91. *obscura* Blatch. 10-343 Ind.  
 92. *opaca* Csy. 94-364 Pa. R.I. Wis.  
 93. *seminitens* Csy. 94-364 N.Y. [Pa.  
 94. *semirufa* Csy. 06-352 N.C. Ohio.  
 95. *exposita* Csy. 11-201 Ohio.

(Pasilia Rey 71-226)

96. *virginica* Csy. 11-202 Va.  
 97. *frontalis* Csy. 94-366 Can.

(Eucryptusa Csy. 06-345)

98. *nanula* Csy. 94-352 R.I.  
 99. *pavida* Csy. 11-203 N.Y.  
 4900. *immunis* Csy. 11-204 Ia.  
 01. *fragilis* Csy. 11-204 Cal.

(Dianusa Csy. 06-346)

02. *pasadenæ* Csy. 06-347 So.Cal.  
 03. *bakeri* Csy. 11-205 Cal.

(Ulitusa Csy. 06-347)

04. *cribratula* Csy. 06-348 Ohio, Pa.  
 05. *pusio* Csy. 06-348 Ohio.

**Bryobiota**<sup>2</sup> Csy. 94-367

(Phytosus ‡ Csy. 85-311)

4906. *bicolor* (Csy.) 85-311 So. Cal.

**Thinusa** Csy. 94-371

4907. *maritima* (Csy.) 85-312 Cal.-Alas.  
     *obscura* Csy. 06-354 So.Cal.  
 08. *fletcheri* Csy. 06-353 Alas.  
     a. *robustula* Csy. 11-215 B.C.  
     *divergens* Csy. 11-213 B.C.  
 09. *nigra* Csy. 11-214 B.C.

**Bryothinusa** Csy. 04-312

4910. *catalinæ* Csy. 04-313 So.Cal.

**Criminalia** Csy. 11-206

4911. *quadriceps* Csy. 11-207 Miss.

**Phytosus**<sup>2</sup> Curtis 23-718

4912. *littoralis* Horn 71-331 N.J.  
 13. *opacus* Lec. 63-28 Cal.

**Liparocephalus**<sup>2</sup> Mäkl. 53-191

4914. *brevipennis* Mäkl. 53-192 Alas.-Cal.  
     *cordicollis* Lec. 80-177 Cal.

**Bolitochara** Mann. 30-75

(Stictalia Csy. 06-264)

(Ilyobates ‡ Csy. 85)

4915. *notata* Mäkl. 52-305 Alas.  
     a. *densicollis* Csy. 06-265 B.C.  
     b. *aspera* Csy. 06-266 Cal.  
 16. *californica* Csy. 85-307 Cal. So. Cal.  
 17. *punctiventris* Csy. 06-266 Cal.

<sup>1</sup> 4855 was used for *collaris* Csy. the type of Casey's genus *Pancota*. Sec no. 5604.

<sup>2</sup> The position of some genera and species, being determined by the number of tarsal joints (a difficult fact to ascertain on account of small size and one on which authorities sometimes disagree) may be subject to alteration.

**Bolitochara** Mann.

4918. *rugipennis* Csy. 06-267 Cal.  
 \* *nigripennis* † Fenyes 08-58  
 19. *obsolescens* Csy. 06-267 Cal.  
 20. *carlottæ* Csy. 11-182 Alas.  
 21. *arcuata* Csy. 06-267 B.C.  
 22. *bakeri* Csy. 06-268 Cal.  
 23. *collaris* Csy. 06-268 Cal.  
 24. *laxicornis* Csy. 06-268 Cal.  
 25. *nigrina* Csy. 85-308 Cal.  
 26. *brevicornis* Csy. 06-269 Cal.  
 27. *minor* Csy. 06-269 Cal.  
 (*Silusida* Csy. 06-270)  
 28. *marginella* Csy. 94-370 N.Y. Pa.  
 (*Venusa* Csy. 06-272)  
 29. *picta* Csy. 06-272 N.Y.-Ia.  
 30. *blanchardi* Csy. 94-369 N.Y. Ind. Ia.  
 31. *lætula* Csy. 06-273 Mo.  
 (*Pleurotobia* Csy. 06-273)  
 32. *suturalis* Csy. 06-274 Ohio.  
 33. *tristigma* Csy. 06-274 Mo.  
 ?*trimaculata* (Er.) 40-105 Ind. Pa.  
 34. *texana* Csy. 06-275 Tex.  
 \*  
 35. *unicolor* Fenyes 09-198 Cal.

**Goniusa** Csy. 06-348

- (*Euryusa* † Er. 39-371)  
 4936. *obtusa* (Lec.) 66-373 Pa.

**Homalota** Mann. 30-73

4937. *plana* Gyll. 10-402 Eur.& N.Am.? Mo. Fla. Ind.  
*depressiuscula* Mann. 30-80 Alas. [Cal. Ky.  
 38. *funesta* Csy. 11-192 Ohio.  
*flexibilis* Csy. 11-192 Pa.  
 39. *hesperica* Csy. 11-193 Cal.  
 40. *wickhami* Csy. 11-194 Ia.  
 41. *frigidula* Csy. 11-194 Idaho.  
 42. *humilis* Csy. 11-195 N.Y.  
 43. *lepidula* Csy. 11-196 Tex.  
 44. *silacea* Er. 40-120 N.Am.  
*pernix* (Csy.) 10-144 Va.  
 — *semiopaca* Fvl. mss. Ariz.

**Diestota** Rey 70-194

4945. *funebri* Sharp 83-252 Mex.(U.S.?)

**Eumicrota** Csy. 06-280

4946. *oligotina* Csy. 11-183 Mo.  
 47. *corruscula* (Er.) 40-189 Ind. Tex. N.Y.  
 48. *humeralis* Csy. 06-282 Pa. [D.C. Mo.  
 49. *texanella* Csy. 06-282 Tex.  
 50. *socia* (Er.) 40-189 N.C.-Tex.  
 51. *melania* Csy. 06-283 Mo.  
 52. *pallidula* Csy. 06-283 N.Y.  
 53. *pinalica* Csy. 06-283 Ariz.  
 54. *minutissima* Csy. 06-284 Miss.  
 55. *atoma* Csy. 06-284 N.C.

**Gyrophæna** Mann. 30-74

4956. *affinis* Sahlb. (nec Fauv.) 17-383 Eur.& N.Am.? Mass. N.J. S.C.  
 57. *bihamata* Thoms. 67-46 Eur.& N.Am. B.C.  
 58. *fasciata* Marsh. 02-514 Eur.& N.Am.? N.Y. Pa.  
 59. *vitrina* Csy. 06-291 N.Y.  
 60. *attonsa* Csy. 11-184 N.Y. Nfld.  
 61. *flavicornis* Melsh. 44-31 Ut.  
 62. *uteana* Csy. 06-292 Wis.  
 63. *gaudens* Csy. 06-292 Colo.  
 64. *monticola* Csy. 06-293 B.C.  
 65. *pacifica* Csy. 06-293 Ind. N.Y.  
 66. *lobata* Csy. 06-294 N.Y.  
 67. *involuta* Csy. 06-294 N.Y.  
 68. *antennalis* Csy. 06-295 L. Sup.  
 69. *insolens* Csy. 06-295 N.Y.  
 70. *fuscicollis* Csy. 06-296 N.Y.  
 71. *modesta* Csy. 06-296 N.Y.  
 72. *gilvicollis* Csy. 06-296 Colo.  
 73. *laurana* Csy. 06-297 Man.  
 74. *criddlei* Csy. 11-184 Mo.  
 75. *coniciventr* Csy. 06-297 Mo.  
 76. *genitiva* Csy. 06-298 Wis. N.Y.  
 77. *sculptipennis* Csy. 06-298 N.Y.  
 78. *subpunctata* Csy. 06-299 Can. Ia. Wis.  
 79. *lacustris* Csy. 06-299 Pa.  
 a. *inconspicua* Csy. 06-299 N.Y. Pa.  
 80. *lætula* Csy. 06-300 R.I.  
 81. *rhodeana* Csy. 06-300 N.Y.  
 82. *fustifer* Csy. 06-300 N.Y.  
 83. *centralis* Csy. 06-301 Wis.  
 84. *perpolita* Csy. 06-301 Colo.  
 85. *tenebrosa* Csy. 06-302 B.C.  
 86. *keeni* Csy. 11-185 Ont.  
 87. *subnitens* Csy. 06-302 R.I. Mo.  
 88. *compacta* Csy. 06-302 Pa.  
 89. *obesula* Csy. 06-303 Miss.  
 90. *micans* Csy. 06-303 Pa. R.I.  
 91. *egena* Csy. 06-303 Ont.  
 92. *exilis* Csy. 06-304 Eur.& N.Am.?  
 93. *strictula* Er. 40-191  
 (*Eudera* Fauv. 66-256)  
 94. *geniculata* Mäkl. 53-184 Alas.  
 (*Phanerota* Csy. 06-285)  
 95. *fasciata* (Say) 34-469 R.I. Pa.  
*vinula* (Er.) 40-186 Ind.  
 96. *ocularis* Csy. 06-287 N.Y.  
 97. *angularis* Csy. 06-287 Tex.  
 98. *floridana* Csy. 06-288 Fla.  
 99. *dissimilis* (Er.) 40-186 Mo. Ind. Conn.  
 5000. *peninsularis* Csy. 06-289 L. Cal.  
 (*Phanogyra* Rey 71-76)  
 01. *californica* Csy. 06-352 Cal.  
 02. *flavicincta* Jek. 73-49 N.Am.  
 03. *rufa* Melsh. 44-31 N.Am.  
 04. *polita* (Grav.) 02-99 Eur.& N.Am.? Mass.  
 05. *pulchella* Heer 38-310 Eur.& N.Am.?

## MYRMEDONIINI

**Xenodusa** Wasm. 94-61

- Pseudolomechusa* Mann 14-174  
 5006. *sharpi* Wasm. 96-251 Mex.(U.S.?)  
 (*Lomechusa* † Grav. 06-178)  
 (*Atemeles* † Steph. 27-107)  
 07. *caseyi* Wasm. 97-273 Colo.

**Xenodusa** Wasm.

5008. *cava* (Lec.) 63-30 Pa. Ind. Conn.  
 a. *lobata* Csy. 11-71 Ia.  
 b. *probat* Csy. 11-71 Pa.  
 c. *hirsuta* Wasm. 93-102 Mich.  
 d. *major* Wasm. 99-410 Conn.  
 09. *montana* Csy. 86-202 Cal.



**Xenodusa** Wasm.

5010. *reflexa* (Walk.) 66-317 Vanc.  
 11. *angusta* (Fall) 01-219 So. Cal.  
 — *globifer* Fvl. mss.

**Apteronina** Wasm. 01-146

5012. *schmitti* Wasm. 01-147 Colo.

**Symbiochara** Fenyès 09-325

5013. *lativentris* Fenyès 09-326 So. Cal.

**Myrmedonia** Er. 39-286

(? *Zyras* Steph. 27-430)

5014. *cremastogastris* Wasm. 94-207 Ohio.

15. *schmitti* Ham. 95-346 Pa.  
 16. *schwarzi* Wasm. 94-207 D.C.

(*Myrmedonia* Er. s.str.)

(*Platyusa* Csy. 85-305)

17. *sonomæ* (Csy.) 85-305 Cal.  
 18. *caliginosa* Csy. 94-323 N.Y. Ind.  
 19. *fauveli* Sharp 83-199 La. So. Cal.  
 a. *recisa* Csy. 11-74 Pa.  
 b. *angustula* Csy. 94-323 Fla.  
 20. *loricata* Csy. 94-324 Can. Ohio.  
 21. *carolinæ* Csy. 11-72 N.C.  
 22. *obliqua* Csy. 94-325 N.Y.  
 23. *rudis* Lec. 66-372 Wash.  
 24. *planifer* Csy. 94-326 N.C. Ind.  
 25. *criddlei* Csy. 11-73 Man.

(*Nototaphra* Csy. 94-329)

(? *Myrmæcia* Rey 73-130)

26. *lauta* Csy. 94-327 N.Y.  
*picta* Wasm. 94-206 Mass.  
 27. *lugubris* Csy. 94-328 Colo.  
 — *angularis* Mäkl. 53-181 Alas.

**Apalonia** Csy. 06-323

5028. *seticornis* Csy. 06-324 Fla.  
 29. *divisa* Csy. 11-75 Kan.

**Chlorotusa** Csy. 06-324

5030. *megalops* Csy. 06-325 Tex.

**Dinocoryna** Csy. 94-319

5031. *bisinuata* Csy. 94-320 Fla.

**Microdonia** Csy. 94-318

5032. *occipitalis* Csy. 94-319 Tex. Ariz.  
 33. *retrusa* Csy. 11-74 Ariz.

**Ecitonidia** Wasm. 00-283

5034. *wheeleri* Wasm. 00-284 Tex.

**Ecitonusa** Wasm. 97-281

5035. *schmitti* Wasm. 97-282 N.C.  
 36. *foreli* Wasm. 99-410 N.C.

**Hoplandria** Kr. 57-4

5037. *lateralis* (Melsh.) 44-32 N. Am. Ind.  
 38. *pulchra* Kr. 57-6 La. Fla.  
 39. *ochracea* Kr. 57-6 N.Y. Ga. Miss.  
 40. *texana* Csy. 10-174 Tex. [Tex.  
 41. *arizonica* Csy. 10-175 Ariz.  
 42. *carinata* Csy. 10-175 Ohio.  
 43. *læviventris* Csy. 10-176 Pa.  
*acudentata* Dury 10-65 Ohio.  
 44. *brittoni* Csy. 11-161 Conn.

**Platandria** Csy. 94-345

5045. *mormonica* Csy. 94-346 Ut. Ind.  
 46. *knausi* Csy. 10-171 N. Mex.  
 47. *carolinæ* Csy. 10-172 N.C.  
 48. *truncula* Csy. 10-172 Neb.  
 49. *deductor* Csy. 10-173 Kan.  
 50. *columbica* Csy. 10-173 Or.

**Tetrallus** Bnhr. 05-252

5051. *bicolor* Bnhr. 06-343 Cal.  
 52. *densepunctatus* Bnhr. 05-254 Cal.  
 53. *fenyesi* Bnhr. 05-253 Cal.  
 54. *trinitatis* Csy. 11-162 No. Cal.  
 55. *bernhaueri* Csy. 11-163 So. Cal.

**Trichiusa** Csy. 94-339

(*Xesturida* Csy. 06-325)

5056. *lævis* Csy. 06-326 Miss. Ind.  
 (*Trichiusa* Csy. s.str.)  
 57. *polita* Csy. 06-327 D.C.  
 58. *transversa* Csy. 06-327 Ohio.  
 59. *compacta* Csy. 94-341 D.C.  
 60. *parviceps* Csy. 06-328 Ohio, Ind.  
 61. *setigera* Csy. 94-342 N.J.  
 62. *monticola* Csy. 06-328 Idaho.  
 63. *columbica* Csy. 11-76 B.C.  
 64. *convergens* Csy. 06-329 Tex.  
 65. *hirsuta* Csy. 06-329 Va.  
 66. *pilosa* Csy. 94-343 R.I.  
 67. *atra* Csy. 06-330 Kan. Ind.  
 68. *postica* Csy. 06-330 Can.  
 69. *virginica* Csy. 06-330 Va.  
 70. *robustula* Csy. 94-343 Ia.  
 71. *rigida* Csy. 06-331 Miss. Tex.  
 72. *discreta* Csy. 06-331 Idaho.  
 73. *varicolor* Csy. 06-332 Va.  
 74. *parvicollis* Csy. 94-344 Del.

**Astilbus** Steph. 27-106

(*Drusilla* || Lac. 35-554)

5075. *cavicolis* Csy. 06-322 Alas.

**Ecitopora** Wasm. 87-408

- \*5076. *nitidiventris* Brues 04-250 Tex.  
 77. *tenella* Wasm. 00-284 Tex.  
 78. *laticollis* Brues 02-368 Tex.

**Thamiaræa** Thoms. 58-35

5079. *americana* Bnhr. 07-401 La.

**Schistoglossa** Kr. 58-344

5080. *viduata* Er. 39-330 Eur. & N. Am.?

**Tomoglossa** Kr. 58-342

5081. *luteicornis* Er. 39-332 Eur. & N. Am.  
 Ut.

**Termitogaster** Csy. 88-384

- \*5082. *texanus* Brues 02-186 Tex.

**Tinotus** Sharp 85-170

5083. *caviceps* Csy. 94-316 So. Cal. Nev.  
 84. *paratus* Csy. 11-64 Mont. [Ind.  
 85. *pallidus* Csy. 11-65 Ia.  
 86. *brunneus* Csy. 11-65 Pa.  
 87. *binarius* Csy. 11-66 Ariz.  
 88. *trisectus* Csy. 06-320 Idaho.

\*

**Tinotus** Sharp

5089. imbricatus Csy. 94-317 N.Y.  
 90. texanus Csy. 11-67 Tex.  
 91. cœlebs Csy. 11-68 Tex.  
 92. fusinus Csy. 11-68 Tenn.  
 93. pectinellus Csy. 11-69 Ariz.  
 94. parvicornis Csy. 11-69 Tex.  
 95. densiventris Csy. 11-70 Tex.

**\*Philotermes** Kr. 57-13

- \*5096. fuchsi Kr. 57-15 Tenn.Fla.Ind.  
 \*97. pennsylvanicus Kr. 57-15 Pa.Mass.D.C.  
     Fla.  
 \*98. pilosus Kr. 57-14 Mass.Pa.D.C.  
     Tenn.Ind.Fla.

**Atheta** Thoms. 60-61

(*Homalota* † auct.)  
 (*Atheta* Thoms. s. str.)

5099. divisa Märk. 45-213 Eur. Me. Pa.  
     Cal. Mass.  
 5100. bidenticulata Bnhr. 07-399 So. Cal.  
 01. planaris Mäkl. 52-309 Alas. B.C.  
     Mass. Cal.  
 02. coriaria Kr. 56-282 Eur. Mass.  
 03. crenulata Bnhr. 07-391 Wash. [Cal.  
 04. ventricosa Bnhr. 07-391 N.J.N.Y.N.C.  
 05. sodalis Er. 39-328 Cal. Eur.  
     Alas. Wash.  
     Mass.  
 06. nigrifula Grav. 02-85 Eur. & W. Va.  
     Pa. L.I. Cal.  
 07. tubercicauda Bnhr. 09-520 Mass. [Can.  
 08. occidentalis Bnhr. 06-338 Cal.  
 09. euryptera Steph. 27-135 Eur. & Pa. Cal.  
     Can.  
 10. sublucens Bnhr. 09-522 Cal. Nev. Id.  
 11. fulgens Bnhr. 07-392 W. Va.  
 12. virginica Bnhr. 07-393 Me. W. Va. Ind.  
     ?crassicornis Fab. 92-529  
 13. vasta Mäkl. 53-183 Alas.  
 14. brumalis Csy. 10-32 B.C.  
 15. carlottæ Csy. 10-32 Alas.  
 16. wrangelica Csy. 11-91 Alas.  
 17. sumpta Csy. 11-92 B.C.  
 18. crenuliventris Bnhr. 07-393 Me.  
 19. oregonensis Bnhr. 09-523 Or.  
     castanoptera Mann. 30-77 Eur. & N. Am.?  
 20. frosti Bnhr. 09-520 Pa. N. H. Mass.  
     W. Va. L.I.  
 21. basicornis Rey 51-42 Cal.  
 22. obsoleticollis Bnhr. 09-522 Colo. Mass.  
 23. unigranosa Bnhr. 09-521 Del. N. J. Ind.  
 24. metlakatlana Bnhr. 09-522 B.C.  
     ?districta Csy. 11-113 B.C.  
 25. relictæ Csy. 11-112 B.C.  
 26. alaskana Csy. 11-113 Alas.  
 27. rorigena Csy. 11-114 B.C.  
 28. mordax Csy. 11-115 B.C.  
 29. subretracta Csy. 11-115 Idaho.  
 30. concussa Csy. 11-116 Wash.  
 31. esmeraldæ Csy. 11-116 Nev.  
 32. klagesi Bnhr. 09-524 Pa. Me.  
 33. occidentalis Bnhr. 06-338 So. Cal.  
 34. orientis Bnhr. 09-525 Ga.  
 35. aspericauda Bnhr. 07-400 Fla.  
 36. barberæ Csy. 10-18 Cal.  
 37. pocahontas Csy. 10-19 Va.  
 38. vaticina Csy. 10-19 L.I.

**Atheta** Thoms.

5139. iterans Csy. 10-20 N.Y.  
 40. enitescens Csy. 10-20 N.Y.  
 41. sibylla Csy. 10-21 Va.  
 42. weedi Csy. 10-21 Miss.  
 43. arizonica Csy. 10-22 Ariz.  
 44. umbonalis Csy. 10-22 Ohio.  
 45. nevadensis Csy. 10-23 Nev.  
 46. rhodeana Csy. 10-24 R.I.  
 47. capella Csy. 10-24 R.I.  
 48. kansana Csy. 11-92 Kan.  
 49. rusticula Csy. 11-93 N.Y.  
 50. limulina Csy. 11-93 R.I.  
 51. catula Csy. 11-94 N.Y.  
 52. hilaris Fenyès 09-420 N. Mex.  
 53. candidula Csy. 11-94 N.Y.  
 54. diffisa Csy. 11-95 N.Y.  
 55. nata Csy. 11-95 R.I.  
 56. modiella Csy. 11-96 R.I.  
 57. villica Csy. 11-97 Pa.  
 58. amens Csy. 11-97 Pa.  
 59. vacillans Csy. 11-98 R.I.  
 60. comitata Csy. 10-24 R.I.  
 61. gnoma Csy. 10-25 N.Y.  
 62. elota Csy. 10-26 N.Y.  
 63. insidiosa Csy. 10-26 N.Y.  
 64. ducens Csy. 10-25 N.Y.  
 65. tradita Csy. 11-101 N.Y.  
 66. reformata Csy. 11-102 Wis.  
 67. fenisex Csy. 11-102 R.I.  
 68. vierecki Csy. 11-103 Conn.  
 69. auguralis Csy. 11-104 N.Y.  
 70. bifaria Csy. 11-104 D.C.  
 71. dama Csy. 10-27 N.Y.  
 72. temperans Csy. 10-27 D.C.  
 73. tractabilis Csy. 10-27 N.Y.  
 74. ordinata Csy. 10-28 N.Y.  
 75. civica Csy. 10-29 Cal.  
     ?truncativentris Bnhr. 07-400 So. Cal.  
 76. nexa Csy. 10-29 Pa.  
 77. propitia Csy. 11-99 N.C.  
 78. palpator Csy. 11-99 Ohio.  
 79. burra Csy. 11-100 Wis.  
 80. nacta Csy. 11-101 Mo.  
 81. strigulosa Csy. 10-30 N.Y.  
 82. remulsa Csy. 10-30 B.C.  
 83. dunni Csy. 10-31 So. Cal.  
 84. claricella Csy. 10-31 So. Cal.  
 85. blandita Csy. 10-32 Cal.  
 86. aperta Csy. 10-33 Cal.  
 87. discipula Csy. 10-33 N.Y.  
 88. marinica Csy. 10-34 Cal.  
 89. reposita Csy. 10-35 Ut.  
 90. ostenta Csy. 10-35 Ariz.  
 91. querula Csy. 10-36 Cal.  
 92. promota Csy. 10-36 Miss.  
 93. prolata Csy. 10-37 Cal.  
 94. novicia Csy. 11-105 Cal.  
 95. fugitans Csy. 11-106 Cal.  
 96. morbosa Csy. 11-107 Cal.  
 97. audens Csy. 11-107 Cal.  
 98. lepidula Csy. 11-108 Cal.  
 99. socors Csy. 11-108 So. Cal.  
 5200. repexa Csy. 11-109 Cal.  
 01. stoica Csy. 11-110 Cal.  
 02. intacta Csy. 11-110 Cal.  
 03. importuna Csy. 11-111 Cal.

\* Termitophilous.

**Atheta** Thoms.

5204. *mollicula* Csy. 10-37 B.C.  
 05. *neutralis* Csy. 10-38 Cal.  
 06. *fanatica* Csy. 10-38 Alas.  
 07. *luscitiosa* Csy. 10-39 Cal.  
 08. *innocens* Csy. 10-39 Or.  
 09. *nupera* Csy. 10-40 L.I.  
 10. *reticula* Csy. 10-40 Va.  
 11. *citata* Csy. 10-41 N.Y.  
 12. *nympha* Csy. 10-42 N.Y.  
 13. *discreta* Csy. 10-42 N.Y.  
 14. *disjuncta* Csy. 10-43 Pa. N.C.  
 15. *annexa* Csy. 10-43 N.C.  
 16. *freta* Csy. 10-44 N.Dak.  
 17. *evecta* Csy. 10-44 Miss.  
 18. *replicans* Csy. 10-44 Ia.  
 19. *spadix* Csy. 10-45 N.Y.  
 20. *bucolica* Csy. 10-46 Miss.  
 21. *franklini* Csy. 11-89 Pa.  
 22. *postulans* Csy. 11-90 B.C.  
 23. *apposita* Csy. 11-90 B.C.  
 24. *loquax* Csy. 11-117 Cal.  
 25. *pallidicornis* Thoms. 56-98 Eur.&N.Am.?  
 26. *aquatica* Thoms. 52-133 Sweden & N.Am.? Alas.  
 27. *oraria* Kr. 56-209 Eur.&N.Am.? Cal.  
 28. *pertyi* Heer 38-329 Helvetia, N.Am.?  
 (*Stethusa* Csy. 10-4)  
 29. *klimschi* Bnhr. 09-523 N.C. N.Y.  
 30. *irvingi* Csy. 10-5 N.J. L.I. Conn.  
 a. *affluens* Csy. 10-5 R.I. L.I.  
 b. *clarescans* Csy. 11-77 N.Y.  
 c. *videns* Csy. 11-78 R.I.  
 d. *cynica* Csy. 11-78 R.I.  
 e. *cernens* Csy. 11-79 Miss.  
 31. *galvestonica* Csy. 10-6 Tex.  
 32. *texana* Csy. 10-6 Tex.  
 33. *canonica* Csy. 10-6 R.I.  
 34. *sagax* Csy. 10-7 Va.  
 35. *sororella* Csy. 10-7 N.Y.  
 36. *officiosa* Csy. 11-79 N.Y.  
 37. *tuta* Csy. 11-80 N.Y.  
 38. *subdebilis* Csy. 10-7 Mo.  
 39. *spuriella* Csy. 10-8 N.Y.  
 40. *mendosa* Csy. 10-8 Va.  
 (*Liogluta* Thoms. 60-54)  
 41. *æmula* Er. 40-102 Ind. Pa. Cal.  
 42. *hypnorum* Kies. 50-219 N.H.  
 43. *caviceps* Blatch. 10-354 Eur.&Cal.  
 44. *sulcata* Blatch. 10-355 Ind. [N.H.  
 45. *abdominalis* Bnhr. 07-394 Ind.  
 46. *granigera* Kies. 50-218 Cal.  
 47. *insolens* Csy. 10-16 Eur.&N.Am.? Alas.  
 (*Macroterma* Csy. 06-335)  
 48. *alutacea* Csy. 06-335 N.Y.  
 49. *borealis* Csy. 06-336 N.H.  
 50. *dentata* Bnhr. 06-342 (*Earota*) Cal. Kan. Pa.  
 51. *iowensis* Csy. 10-10 Mass. O. N.H.  
 (*Euromota* Csy. 06-338) Ia. [Ind.  
 52. *lucida* Csy. 06-338 Va. N.J.  
 (*Anepsiota* Csy. 94-329)  
 53. *quadricollis* Csy. 94-346 Vanc.

**Atheta** Thoms.

5254. *terminalis* Csy. 06-340 B.C.  
 55. *torpens* Csy. 10-13 Cal.  
 56. *shastana* Csy. 10-13 Cal.  
 (*Athetota* Csy. 06-336)  
 57. *insignis* (Csy.) 85-310 Cal.  
 58. *wickhami* (Csy.) 94-331 B.C.  
 59. *atriventris* Csy. 06-336 Vanc.  
 (*Athetalia* Csy. 10-14)  
 60. *bicariniceps* Csy. 10-14 Cal.  
 61. *repensa* Csy. 10-14 Cal.  
 62. *nimia* Csy. 10-15 B.C.  
 (*Homalotusa* Csy. 06-340)  
 63. *helenica* Csy. 06-340 Mont.  
 64. *tahoensis* Csy. 06-341 Cal.  
 65. *fuscula* Csy. 06-341 Id.  
*pallida* Csy. 06-342 Id.  
 66. *oregonina* Csy. 10-11 Or.  
 67. *manitobæ* Csy. 11-81 Man.  
 68. *lanei* Csy. 10-10 Or.  
 69. *mormon* Csy. 10-11 Ut.  
 70. *coloradensis* Csy. 11-81 Colo.  
 71. *lacustrina* Csy. 10-11 Wis.  
 72. *wisconsinica* Csy. 10-12 Wis.  
 (*Megista* Rey 73-591)  
 73. *nomadica* Csy. 10-15 Alas.  
 74. *graminicola* Grav. 06-176 Eur.&N.Am.? Alas. Cal. Nfld.  
 (*Elytrusa* Csy. 06-334)  
 75. *granulata* Mann. 46-508 Alas.  
 (*Lamiota* Csy. 10-17)  
 76. *keeni* Csy. 10-17 B.C.  
 77. *achromata* Csy. 11-82 B.C.  
 78. *profecta* Csy. 11-83 B.C.  
 79. *concessa* Csy. 11-83 B.C.  
 (*Delphota* Csy. 10-17)  
 80. *cephalina* Csy. 10-18 Ia.  
 81. *lymphatica* Csy. 11-84 Ia.  
 82. *regenerans* Csy. 11-85 Ia.  
 83. *perspicua* Csy. 11-85 N.J.  
 84. *logica* Csy. 11-86 Pa.  
 85. *delumbis* Csy. 11-87 N.J.  
 86. *callens* Csy. 11-87 D.C.  
 87. *oscitans* Csy. 11-88 Cal.  
 (*Ceritaxa* Rey 73-381)  
 88. *militaris* Bnhr. 09-519 Cal.  
 (*Microdota* Rey 73-295)  
 89. *picipennis* Mann. 43-324 Alas. Cal.  
 90. *alamedana* Csy. 10-59 N.H.  
 91. *saturata* Csy. 10-59 Cal.  
 92. *ficta* Csy. 10-59 Cal.  
 93. *properans* Csy. 10-60 Cal.  
 94. *repens* Csy. 10-60 Cal.  
 95. *perversa* Csy. 10-61 Cal.  
 96. *impressipennis* Bnhr. 09-518 Mass.  
 97. *?amicula* Steph. 27-132 Eur.& Wash.  
 98. *pseudoatomaria* Bnhr. 09-518 Me.  
 ?atomaria Kr. 56-254 Eur.&N.Am.?  
 99. *pratensis* Mäkl. 52-308 Alas. Wash.  
 5300. *festinans* Er. 40-112 Ind. Mass. Pa.  
 01. *globicollis* Bnhr. 07-388 Me. Ont. Mich.  
 02. *polita* Melsh. 44-31 Ont.  
 03. *luctifera* Bnhr. 06-341 Pa. Ind.  
 So. Cal. Wash.



**Atheta** Thoms.

5304. *fulgida* Bnhr. 07-399 So. Cal.  
 05. *impressicollis* Bnhr. 07-389 Cal. Wash.  
 06. *holmbergi* Bnhr. 07-389 Alas.  
 (*Hilara* Rey 73-298)  
 07. *pennsylvanica* Bnhr. 07-388 N.Y. R.I. Pa.  
     ? *palleola* Er. 39-333 Va. Ind.  
     Eur. & N. Am.?  
 08. *unigena* Csy. 10-62 N.Y.  
 09. *validiceps* Csy. 10-62 R.I.  
 10. *nugator* Csy. 10-63 R.I.  
 11. *libens* Csy. 10-63 R.I.  
     *sejuncta* Csy. 10-64 R.I.  
 12. *fontis* Csy. 11-122 Pa.  
 13. *punctata* Blatch. 10-355 Ind.  
 (*Philhygra* Rey 73-308)  
 14. *palustris* Kies. 44-318 Tex. S.C. Mo.  
     Can. N.Y. Ill.  
     Eur. & N. H.  
     Ind.  
 15. *nitens* Mäkl. 52-307 Alas. Wash.  
 16. *repanda* Csy. 10-65 N.J. N.Y.  
 17. *astuta* Csy. 10-65 Pa.  
 18. *frugalis* Csy. 10-66 N.Y.  
 19. *leviceps* Csy. 10-66 N.Y.  
 20. *houstoni* Csy. 10-67 Tex.  
 (*Pseudomegista* Bnhr. 07-390)  
 21. *nigropolita* Bnhr. 07-390 N.H.  
 (*Athetæ* of uncertain position)  
 22. *comparabilis* Mäkl. 53-181 Alas.  
 23. *exigua* Say 36-156 Ind.  
 24. *falsifica* Say 36-155 N. Am.  
 25. *indentata* Say 34-469 Pa.  
 26. *littoralis* Mäkl. 53-182 Alas.  
 27. *minima* Say 36-156 N. Am.  
 28. *pallitarsis* Kby. 37-90 Can.  
 29. *pedicularis* Melsh. 44-31 N. Am.  
 30. *quadripunctata* Say 34-470 Mo. Ind.  
 31. *semicarinata* Say 34-470 Mo.  
 32. *silacea* Er. 40-120 N. Am.  
 33. *vestigialis* Er. 40-112 Pa.  
 34. *islandica* Kr. 57-284 Greenland

**Daya** Fauv. 77-147

5335. *gigantula* (Lec.) 77-239 Tex.

**Traumœcia** Rey 73-63

- (*Pelioptera* Kr. 57-55)  
 5336. *militaris* Csy. 11-118 Alas.  
 37. *tenuicula* Csy. 11-118 Man.  
 38. *obsequens* Csy. 11-119 N.Y.  
 39. *algophila* Fenyès 09-419 So. Cal.  
 (*Halobrechtha* Thoms. 60-49)  
 (*Halobrechthina* Bnhr. 09-519)  
 40. *opaciceps* Bnhr. 09-519 Mass.  
 (*Anopleta* Rey 75-20)  
 41. *arcana* Er. 40-93 Eur. & Wash.  
 (*Adota* Csy. 10-67)  
 42. *massettensis* Csy. 10-67 Alas.  
     a. *subintima* Csy. 10-67 B.C.  
 43. *gnypetoides* Csy. 10-68 So. Cal.  
 44. *definita* Csy. 11-123 Cal.  
 45. *scorteia* Csy. 11-124 Cal.  
 46. *scolopacina* Csy. 11-124 Cal.  
 47. *insons* Csy. 11-125 So. Cal.  
 48. *pavidula* Csy. 11-126 Cal.  
 49. *irrita* Csy. 11-126 Nev.

**Traumœcia** Rey

- (*Rovalida* Csy. 10-69)  
 5350. *cribraticeps* Csy. 10-69 R.I.  
 51. *piceicornis* Csy. 10-70 N.J.  
     *monroci* Csy. 10-71 Va.  
 52. *submarina* Csy. 10-70 N.J.  
 (*Panolota* Csy. 10-71)  
 53. *setositarsis* Csy. 10-71 Cal.  
     \*?  
 54. *ithacana* Csy. 10-46 N.Y.  
 55. *orbiceps* Csy. 10-47 Ia.  
 56. *subdola* Csy. 10-47 Wis.  
 57. *asperiola* Csy. 10-47 N.Y.  
 (*Donesia* Csy. 10-48)  
 58. *temporalis* Csy. 10-48 R.I.  
 59. *restricta* Csy. 11-120 Va.  
 (*Micrearota* Csy. 10-49)  
 60. *loricula* Csy. 10-49 Ia.  
 61. *reperta* Csy. 10-50 Ia.  
 62. *definita* Csy. 10-50 Tex.  
 63. *versuta* Csy. 10-50 R.I.  
 64. *gregaria* Csy. 10-51 Ia.  
 65. *pristina* Csy. 10-51 R.I.  
 66. *fecunda* Csy. 10-52 N.Y.  
 67. *sana* Csy. 10-52 Pa.  
 68. *tincta* Csy. 10-53 N.Y.  
 (*Micratheta* Csy. 10-53)  
 69. *caudex* Csy. 10-53 Va.  
 (*Phasmota* Csy. 10-54)  
 70. *ingratula* Csy. 10-54 Miss.  
 (*Crephalia* Csy. 10-54)  
 71. *recessa* Csy. 10-55 N.Y.  
 72. *prolongata* Csy. 10-55 Mo.  
 73. *testata* Csy. 10-56 Pa.  
 (*Nemota* Csy. 10-56)  
 74. *paganella* Csy. 10-56 Cal.  
 75. *filiola* Csy. 10-57 So. Cal.  
 76. *timida* Csy. 10-57 Cal.  
 77. *perpera* Csy. 10-58 Cal.  
 78. *perspecta* Csy. 10-58 Cal.  
 79. *meticulosa* Csy. 11-121 Cal.  
 80. *informalis* Csy. 11-121 Cal.  
 81. *marcescens* Csy. 11-122 Colo.

**Tarphiota** Csy. 94-332

5382. *fucicola* Mäkl. 52-306 Alas. So. Cal.  
     *debilicollis* Csy. 10-75 Vanc. B.C.  
 83. *geniculata* Mäkl. 52-308 Cal. Alas.  
     *litorina* Csy. 10-75 Cal.  
     *hirsitula* Csy. 10-75 Cal.  
     *iota* Csy. 10-76 Cal.  
     *insolita* Csy. 10-76 Alas. B.C.  
     *seditiona* Csy. 10-76 Alas. B.C.  
     *pallidipes* Csy. 94-333 So. Cal.

**Dinaræa** Thoms. 60-289

5384. *subdepressa* Bnhr. 07-386 N.H.  
 85. *nomensis* Csy. 10-06 Alas.  
 — *angustula* Gyll. 101-393 ?N.Y. Eur.

**Meotica** Rey 75-70

5386. *exilis* Er. 39-333 Eur. & Me.

**Metaxya** Rey 75-147

5387. *centropunctata* Bnhr. 09-515 Cal.

**Metaxya** Rey

5388. fusca Sahlb. 17-371 Eur. & Colo.  
 89. angusticauda Bnhr. 09-516 N.H. B.C.  
     Alas.  
 90. elongatula (Grav.) 02-79 Colo. & Eur.  
 91. approximata Bnhr. 09-516 Mass.  
 92. proterminalis Bnhr. 07-383 Pa. Colo.  
 93. melanocera Thoms. 56-94 Eur. & Alas.  
     Wash. Cal.  
     Mass.  
 94. satanas Bnhr. 07-383 Alb. Cal.  
 95. aubei Bris. 60-339 Eur. & Alas.  
     Mass.  
 96. gemina Er. 39-330 Eur. & Wash.  
 97. polaris Bnhr. 00-536 Alas. Wis.  
     Norway.  
 98. lævicollis Mäkl. 52-306 Alas. Wash.  
 99. angusticornis Bnhr. 07-384 N.H. •  
 5400. californica Bnhr. 07-385 Cal.  
 01. dichroa (Grav.) 02-186 Ind. Mo. W. Va.  
     Pa. Cal.  
 02. maritima Mann. 43-224 Alas. Cal. B.C.  
 03. bellula Csy. 10-77 R.I.  
 04. discrepans Csy. 10-77 Ia.  
 05. invenusta Csy. 10-78 Ut.  
 06. elusa Csy. 10-78 Ia.  
 07. bracata Csy. 10-79 Nev.  
 08. deceptor Csy. 10-79 N. Mex.  
 09. discreta Csy. 10-79 Nev.  
 10. adjuncta Csy. 10-80 Cal.  
 11. fatua Csy. 10-80 Cal.  
 12. famula Csy. 10-81 Cal.  
 13. impotens Csy. 10-81 R.I.  
   a. albanica Csy. 11-131 N.Y.  
 14. delectans Csy. 10-82 Or.  
 15. plutonica Csy. 10-82 N.H.  
 16. suffusca Csy. 10-83 Cal.  
 17. subpolaris Fenyès 09-423 Ariz.  
 18. awemeana Csy. 11-132 Man.  
 19. prognata Csy. 11-133 B.C.  
 20. badeola Csy. 11-133 Cal.  
   a. mateana Csy. 11-134 Cal.  
 21. erudita Csy. 11-135 Man.  
 22. surrufa Csy. 11-135 Man.  
 23. varula Csy. 11-136 Man.  
 24. criddlei Csy. 11-137 Man.  
     (*Parameotica* Ganglb. 95-228)  
 25. complana Mann. 30-79 Eur. & Pa. Wis.  
 26. delicata Bnhr. 06-340 So. Cal. [Mass.  
 27. americana Bnhr. 07-386 So. Cal.  
     sexualis || Bnhr. 06-339 So. Cal.  
     (*Dralica* Rey 75-212)  
 28. pseudovilis Bnhr. 07-386 Cal.  
     (*Oreostiba* Ganglb. 95-146)  
 29. sibirica (Mäkl. 80?) Sahlb. 80-93 N.H. Sib.  
     (*Hygræcia* Rey 75-279)  
 30. fallaciosa Sharp 69-157 Cal. Wash.

**Hydrosmecta** Thoms. 60-13

5431. dulcis Csy. 10-87 Wis.  
 32. caduca Csy. 10-87 N.Y.  
 33. odiosica Csy. 11-138 Cal.  
 34. callidula Csy. 10-87 Cal.  
 35. benigna Csy. 10-88 Cal.  
 36. fastidiosa Csy. 11-139 Cal.  
 37. jugalis Csy. 10-89 Cal.  
 38. subparilis Csy. 10-89 Cal.  
 39. rarula Csy. 10-90 N.Y.

**Hydrosmecta** Thoms.

5440. salinasica Csy. 11-139 Cal.  
     (*Noverota* Csy. 10-90)  
 41. ornatella Csy. 10-90 N.J.  
 42. decora Csy. 10-91 Miss.  
 43. improvisa Csy. 10-91 Tex.  
 44. personata Csy. 10-92 Va.  
 45. clemens Csy. 10-92 Wis.  
 46. finitima Csy. 10-93 R.I.  
 47. scenica Csy. 10-93 N.Y.  
     (*Omegalia* Csy. 10-94)  
 48. abjecta Csy. 10-94 Cal.  
 49. vieta Csy. 10-94 Cal.  
     (*Iotota* Csy. 10-95)  
 50. tepida Csy. 10-95 Cal.  
 51. unica Csy. 10-95 Cal.  
     (*Hydrosmectina* Ganglb. 95-145)  
 52. subtilior Bnhr. 07-396 So. Cal.

**Aloconota** Thoms. 60-7

5453. sulcifrons Steph. 27-121 Eur. & N. Am.?  
 54. cambrica Woll. 55-205 Cal. [N.Y.  
 55. insecta Thoms. 56-93 Mass. W. Va.  
 56. admista Csy. 10-84 Ia.  
 57. incertula Csy. 10-84 Va.  
     (*Terasota* Csy. 06-337)  
 58. perdita Csy. 10-85 Cal.  
 59. brunneipes Csy. 06-337 N.Y.  
 60. intecta Csy. 10-86 N.C.  
     (*Taphrodota* Csy. 06-338)  
 61. ventralis Csy. 06-339 N.Y.

**Dilacra** Thoms. 60-31

- (*Paradilacra* Bnhr. 09-417)  
 5462. ambigua Er. 40-134 Mass. Cal.  
 63. densissima Bnhr. 09-517 Cal. N. Dak.  
 64. persola Csy. 10-72 Cal.  
 65. willametta Csy. 10-73 Or.  
 66. uintana Csy. 10-73 Ut. Nev.  
 67. glenorica Csy. 10-74 B.C.  
 68. symbolica Csy. 11-127 Cal.  
 69. erebea Csy. 11-128 Cal.  
   a. subægua Csy. 11-128 Cal.  
   b. vulgatula Csy. 11-130 Cal.  
 70. sinistra Csy. 11-129 Cal.  
 71. memnonia Csy. 11-130 Cal.  
 72. deserticola Csy. 11-131 Nev.

**Amischa** Thoms. 60-292

5473. analis (Grav.) 02-76 Eur. & Cal. Ont.  
     Pa. N. Eng. Ind.  
 74. cavifrons Shp. 69-177 Eur. & N. Am.?  
     Ind. N. C. Mo.  
 75. propera Say 34-470 Cal.  
 76. flavicornis Bnhr. 09-527 Pa.  
 77. continentalis Bnhr. 09-528 Ia. Pa.  
 78. normalis Csy. 10-97 N.Y.  
 79. curtipennis Shp. 69-173 N.H. Mass. &  
     Eur.  
 80. filaria (Fauv.) 72-745 Eur. & N. Am.?  
 81. parviceps (Csy.) 94-338 Wash.  
 82. angusta (Csy.) 94-339 Nev.  
 83. devincta Csy. 10-98 Cal.  
 84. colonia Csy. 10-98 Cal.  
     (*Colposura* Csy. 94-336)  
 85. prælonga Csy. 94-337 Wy.  
 86. tersa Csy. 10-99 Colo.

**Amischa** Thoms.

- (*Amidobia* Thoms. 60-295)  
 5487. *talpa* Heer 38-594 Mass. Eur. & N.Am.?  
 (Valenusa Csy. 06-342)  
 88. *parallela* Csy. 06-342 So. Cal.

**Sipalia** Thoms. 60-105

5489. *fontana* Csy. 11-157 Pa.  
 (*Ousipalia* Gozis 86-13)  
 90. *sparsepunctata* Bnhr. 07-398 So. Cal.  
 91. *parvipennis* Bnhr. 07-398 Alb.  
 92. *lineatula* Csy. 10-167 Ia.  
 (*Sibiota* Csy. 06-350)  
 93. *fossata* Csy. 10-167 Or.  
 94. *impressula* Csy. 06-350 Or.  
 95. *hesperica* Csy. 10-169 Cal.  
 96. *pacifica* Csy. 10-169 Cal.-Vanc.  
 97. *turpicula* Csy. 10-170 Colo.  
 (*Sonomota* Csy. 11-158)  
 98. *lippa* Csy. 11-158 Cal.  
 (*Sipaliella* Csy. 11-159)  
 99. *filaria* Csy. 11-159 R. I.  
 (*Asthanesita* Csy. 94-365)  
 5500. *pallens* Csy. 94-366 Fla.  
 (*Gaenima* Csy. 11-160)  
 01. *impedita* Csy. 11-161 Cal.

**Datomicra** Rey 73-355

5502. *canescens* Sharp 69-239 Eur. & Wash. N.C.  
 03. *sordidula* Er. 39-335 W. Va. & Eur.  
 04. *celata* Er. 39-335 Mass. W. Va. & Wash. [Eur.  
 05. *baringiana* Bnhr. 07-396 Cal. & Eur.  
 06. *zosteræ* Thoms. 56-103 N.Y.  
 07. *decolorata* Csy. 10-120 N.Y.  
 08. *inopia* Csy. 10-120 Pa.  
 09. *schematica* Csy. 10-121 So. Cal.  
 10. *pomonæ* Csy. 10-121 N.Y.  
 11. *diffidens* Csy. 10-122 N.Y.  
 12. *vacans* Csy. 10-122 Nev.  
 13. *incumbens* Csy. 10-123 R. I.  
 14. *stilla* Csy. 10-123 R. I.  
 15. *pellax* Csy. 10-124 Cal.  
 16. *coruscula* Csy. 10-124 N.Y.  
 17. *hebesens* Csy. 10-124 Cal.  
 18. *sectater* Csy. 10-102 Cal.  
     *insolida* Csy. 10-125 Cal.  
 19. *surgens* Csy. 10-125 B.C.  
 20. *wrangeli* Csy. 10-126 Alas.  
 21. *vaciva* Csy. 10-126 Mass.  
 (*Micromota* Csy. 10-127)  
 22. *filiformis* Csy. 10-127 N.Y.  
 (*Hilarina* Csy. 10-128)  
 23. *particula* Csy. 10-128 R. I. N.Y.  
 24. *inanis* Csy. 10-129 Pa.  
 25. *mina* Csy. 11-153 Conn.  
 26. *atomica* Csy. 11-153 N.Y.  
 (*Oligomia* Csy. 10-129)  
 27. *scintilla* Csy. 10-129 Cal.  
 28. *perpaula* Csy. 10-130 Cal.  
 (*Monadia* Csy. 10-130)  
 29. *lucana* Csy. 10-130 L. Cal.

**Synaptina** Csy. 10-131

5530. *merica* Csy. 10-131 Ia.  
 31. *consonens* Csy. 10-132 R. I. N.Y. Ia.  
 32. *quæsita* Csy. 10-132 Ia.  
 33. *disparilis* Csy. 10-133 Cal.

**Badura** Rey 73-279

5534. *parvula* Mann. 30-84 Eur. & N. Am.

**Clusiota** Csy. 10-119

5535. *claviventris* Csy. 10-119 B.C.

**Dimetrota** Rey 73-401

5536. *setigera* Sharp 69-251 N.H. & Eur.  
 37. *hampshirensis* Bnhr. 09-525 N.H.  
 38. *picipennis* Mann. 43-324 Alas.-So. Cal.  
 39. *subrugosa* Kies. 48-318 B.C. & Eur.  
 40. *moesta* Mäkl. 52-307 Alas. Cal.  
 41. *columbica* Bnhr. 07-394 B.C.  
 42. *fenyessi* Bnhr. 07-395 So. Cal.  
 43. *marcida* Er. 39-328 Pa. & Eur.  
 44. *cursor* Mäkl. 52-307 Alas. So. Cal.  
 45. *recondita* Er. 40-123 N. Eng.  
     Pa. Cal. Ariz. N.H.  
 46. *macrocera* Thoms. 56-106 Pa. & Eur. Ind.  
 47. *resima* Csy. 10-100 Cal.  
 48. *immerita* Csy. 10-141 Cal.  
 49. *incredula* Csy. 10-141 Cal.  
 50. *opinata* Csy. 10-142 Cal.  
 51. *cerebrosa* Csy. 10-142 Cal.  
 52. *nuptalis* Csy. 10-100 R. I.  
 53. *omissa* Csy. 10-101 Alas.  
 54. *vicaria* Csy. 10-101 Alas.  
 55. *vacunalis* Csy. 10-102 Cal.  
 56. *retrusa* Csy. 10-103 B.C.  
 57. *vigilans* Csy. 10-103 So. Cal.  
 58. *revoluta* Csy. 10-104 Id.  
 59. *resplendens* Csy. 10-104 Alas.  
 60. *novella* Csy. 10-105 L. I.  
 61. *sentiens* Csy. 10-105 Kan.  
 62. *lætula* Fenyess 09-421 ?  
 63. *neomexicana* Fenyess 09-422 N. Mex.  
 64. *nigrita* Fenyess 09-423 Cal.  
 (*Engamota* Csy. 10-151)  
 65. *absona* Csy. 10-152 So. Cal.  
 (*Dimetrotina* Csy. 11-143)  
 66. *vaniuscula* Csy. 11-144 Nev.  
 (*Dalotia* Csy. 10-106)  
 67. *pectorina* Csy. 10-106 Cal.  
     *crucialis* Csy. 10-107 Cal.

**Sableta** Csy. 10-107

5568. *infulata* Csy. 10-107 Miss.  
 (*Canastota* Csy. 10-108)  
 69. *canadensis* Csy. 10-108 Can.  
 70. *flaveola* Melsh. 44-30 Mass. Pa. Mo. W. Va. Ind.  
 71. *nanella* Csy. 06-276 Pa.  
     *beatula* (Csy.) 10-109 Pa.  
 72. *ornator* Csy. 10-110 N.Y.  
 73. *longiclava* Csy. 10-110 R. I.  
 74. *phrenetica* Csy. 10-111 B.C.  
 75. *flaviventris* Csy. 10-111 Tex.  
 (*Anatheta* Csy. 10-112)  
 76. *planulicollis* Csy. 10-112 Kan.  
 77. *curata* Csy. 10-112 Va.



**Sableta** Csy.

(Taxicerella Csy. 10-113)

5578. remissa Csy. 10-113

79. immunis Csy. 10-114

(Fusalia Csy. 11-145)

80. brittoni Csy. 11-145

**Pseudota** Csy. 10-114

5581. dissensa Csy. 10-115

82. miscella Csy. 10-115

83. sitiens Csy. 10-116

84. præsaga Csy. 10-116

85. irrupta Csy. 10-117

86. nescia Csy. 10-117

87. pimalis Csy. 10-118

88. puricula Csy. 11-148

89. fascinans Csy. 11-148

90. nugatoria Csy. 11-149

91. clienta Csy. 11-150

92. vana Csy. 11-150

93. cornicula Csy. 11-151

94. nanulina Csy. 11-152

95. formalis Csy. 11-152

**Nosora** Csy. 11-145

5596. meticola Csy. 11-146

**Rhodeota** Csy. 11-147

5597. tartarea (Csy.) 10-168

**Arisota** Csy. 10-133

5598. tetricula Csy. 10-134

99. insueta Csy. 10-134

5600. pomonensis Csy. 10-135

01. speculifer Csy. 10-135

02. apacheella Csy. 10-135

03. umbrina Csy. 10-136

**Pancota** Csy. 06-345

(Dolosota Csy. 10-136)

5604. collaris Csy. 06-346<sup>1</sup>

\*

05. redundans (Csy.) 10-137

a. tergina (Csy.) 10-138

06. sequax (Csy.) 10-138

07. secunda (Csy.) 10-138

08. flaccida (Csy.) 10-139

09. abundans (Csy.) 10-139

10. cupiens (Csy.) 10-140

11. lætabilis Csy. 11-154

12. vafra (Csy.) 10-140

13. comis (Csy.) 10-140

\*\*

14. ?luteola Er. 40-114

15. lacertina (Csy.) 10-141

16. restricta (Csy.) 10-142

17. alumna (Csy.) 10-142

18. euphonia (Csy.) 10-143

19. sophista (Csy.) 10-143

20. panda (Csy.) 10-143

21. serva (Csy.) 10-144

(Microlia Csy. 10-144)

22. petulans (Csy.) 10-145

(Aremia Csy. 10-145)

23. reclusa Csy. 10-146

**Pancota** Csy.

(Reania Csy. 10-146)

5624. fontinalis (Csy.) 10-146

**Acrotoma** Thoms. 60-35

(Achromota Csy. 93-300)

5625. pygmæa (Grav.) 02-86<sup>1</sup>

26. parva (Sahlb.) 17-380

27. fungi (Grav.) 06-157

28. orbata (Er.) 39-339

29. breviscula (Mäkl.) 52-309

30. clientula (Er.) 40-133

31. modesta (Melsh.) 44-31

32. pasadenæ Bnhr. 06-338

33. ?fuscipes (Heer) 38-323

34. subpygmæa Bnhr. 09-526

35. bakeri Bnhr. 09-526

36. fusiformis (Csy.) 93-301

37. lividula Csy. 10-147

38. digesta Csy. 10-148

39. shastanica Csy. 10-148

40. severa Csy. 10-148

41. prudens Csy. 10-149

42. adjuvans Csy. 10-149

43. renoica Csy. 10-150

44. ardelio Csy. 10-150

45. malaca Csy. 10-151

(Neda Csy. 10-152)

46. lubricans Csy. 10-153

?fulgens Bnhr. 07-392

**Eurypronota** Csy. 94-334

5647. discreta Csy. 94-335

48. scapula Csy. 94-335

**Colpodota** Rey 73-175

5649. avia Csy. 10-154

50. puritana Csy. 10-154

51. insulsa Csy. 10-155

52. acuminata Csy. 10-155

53. acutella Csy. 10-156

a. simulata Csy. 10-156

54. egregiella Csy. 10-156

55. sobria Csy. 10-157

56. turbans Csy. 10-157

57. austiniana Csy. 10-158

58. defessa Csy. 10-158

59. assecla Csy. 10-158

60. sequestralis Csy. 10-159

61. trossula Csy. 10-159

62. zephyrina Csy. 10-160

63. egens Csy. 10-160

64. fatigans Csy. 10-161

65. torvula Csy. 10-161

66. sonomana Csy. 10-162

67. inceptor Csy. 10-162

68. abdicans Csy. 10-163

69. repentina Csy. 10-163

70. laxella Csy. 10-164

71. pupilla Csy. 11-155

72. fortuita Csy. 10-164

73. aterrima (Grav.) 06-94<sup>2</sup><sup>1</sup> See No. 4855.<sup>2</sup> Mr. Howard Notman has called attention to possibility of error in generic position of 5625 and 5673.

**Eurynotida** Csy. 06-343

5674. ornata Csy. 06-343 Tex.  
 75. arizonica Csy. 06-344 Ariz.  
 — ?pulchra Kr. 56-156

**Ancillota** Csy. 10-165

5676. sollemnis Csy. 10-165 Mo.

**Moluciba** Csy. 11-156

5677. grandipennis Csy. 11-156 B.C.

**Coprothassa** Thoms. 60-33

5678. sordida (Marsh.) 02-514 La. Kan. Tex.  
 L.Sup. Mich.  
 Colo. Pa. N.Y.  
 O.Can. Ind.  
 N.Y. [Cosmop.  
 79. smithi Csy. 10-166 Ind.  
 80. laurentiana Blatch. 10-357

**Strigota** Csy. 10-176

5681. oppidana Csy. 10-177 N.Y.  
 82. gnava Csy. 10-177 N.C.  
 83. verecunda Csy. 10-178 Ia.  
 84. assueta Csy. 10-178 Mo.  
 85. mediocris Csy. 10-179 Tex.  
 86. vapida Csy. 10-179 N.Mex.  
 87. perplexa Csy. 10-180 Colo.  
 88. inculta Csy. 10-180 Nev.  
 89. impiger Csy. 10-181 Wash.  
 90. intrudens Csy. 10-181 Cal.  
 91. placata Csy. 10-182 Cal.  
 92. seducens Csy. 10-182 Cal.  
 93. obliquata Csy. 10-183 Cal.  
 94. recta Csy. 11-165 Conn.  
 (Eustrigota Csy. 11-165)  
 95. seclusa Csy. 11-165 So. Cal.

**Brachyusa** Rey 75-351

5696. raptoria (Woll.) 54-542 Madeira &  
 N.Am.

**Pontomalota** Csy. 85-296

5697. bakeri Bnhr. 12-170 So. Cal.  
 98. opaca (Lec.) 63-28 So. Cal.  
 99. californica Csy. 85-298 Cal.  
 5700. luctuosa Csy. 11-164 Alas.  
 01. nigriceps Csy. 85-299 Cal.

**Gnypeta** Thoms. 60-6

5702. nigrella (Lec.) 63-29 Ind. Pa. Mass.  
 N.Y. Md.  
 brunnescens Csy. 11-167 N.Y.  
 03. baltifera (Lec.) 63-29 (*Gnypetoma*) C.I. N.J. Ind.  
 04. laticollis (Csy.) 85-289 (*Eliusa*) Cal.  
 lucens Bnhr. 05-254 So. Cal.  
 ventralis Csy. 06-194 Ariz.  
 impressiceps Csy. 06-199 So. Cal.  
 majuscula Csy. 06-217 Ariz.  
 sparsella Csy. 06-217 So. Cal.  
 elsinorica Csy. 06-218 So. Cal.  
 transversa Csy. 06-218 So. Cal.  
 mollis Csy. 06-219 So. Cal.  
 pimalis Csy. 06-220 Ariz.  
 citrina Csy. 06-220 So. Cal.  
 modica Csy. 11-170 Ariz.  
 limulata Csy. 11-170 So. Cal.  
 05. experta (Csy.) 85-300 Cal.  
 linearis (Csy.) 85-301 Cal.  
 sensilis Csy. 11-170 So. Cal.

**Gnypeta** Thoms.

5706. harfordi (Csy.) 85-304 Cal.  
 curtipennis Csy. 06-201 No. Cal.  
 abducens Csy. 06-201 Or.  
 shastana Csy. 06-202 No. Cal.  
 pallidipes Csy. 11-168 Wash.  
 07. crebrepunctata (Csy.) 86-203 Cal. Or.  
 08. atrolucens Csy. 94-346 N.H. Vt. No.  
 N.Y.  
 09. helenæ Csy. 06-193 Colo.-Cal.  
 oregona Csy. 06-199 Or. [Mont.  
 deserticola Csy. 06-193 Ariz.  
 punctulata Csy. 06-194 So. Cal.  
 wickhami Csy. 11-166 Ariz.  
 boulderensis Csy. 11-167 Colo.  
 oblata Csy. 11-168 No. Cal.  
 10. floridana Csy. 06-195 Fla.  
 11. bockiana Csy. 06-195 Mo. Ark. Tenn.  
 manitobæ Csy. 06-196 Man. [Tex.  
 12. brevicornis Csy. 06-196 B.C.  
 13. incrassata Csy. 06-198 Mont. Ut.  
 leviventris Csy. 06-198 Cal.  
 14. uteana Csy. 11-169 Ut.

**Teliusa** Csy. 06-203

5715. malaca Csy. 11-172 Tex.  
 16. alutacea Csy. 06-204 Tex.  
 17. cavicollis Sahlb. 80 Greenland

**Gnypetella** Csy. 06-214

5718. laticeps (Csy.) 85-302  
 19. placidula Csy. 06-215 So. Cal.

**Trachyota** Csy. 06-190

5720. cavipennis (Lec.) 66-372 Cal. So. Cal.  
 21. lativentris Csy. 06-191 So. Cal.

**Tachyusa** Er. 39-307

5722. smithi Csy. 06-206 N.Y.  
 23. gracillima Lec. 63-29 Va. Ind.  
 24. virginica Csy. 11-172 Va.  
 25. americana Csy. 06-207 N.Y. Pa. O.  
 26. silvatica Csy. 11-173 N.Y. [Ind.  
 27. meraca Csy. 11-174 Mass.  
 28. carolinæ Csy. 06-207 N.C.  
 29. ohioana Csy. 11-174 Ohio.  
 30. cavicollis Lec. 63-29 Mass. Ind.  
 31. obsoleta Csy. 06-208 N.C.  
 32. parviceps Csy. 06-208 Pa.  
 33. objecta Rey 70-183 France &  
 34. subalutacca Csy. 06-209 N.C. [N.Am?  
 35. missouriana Csy. 06-209 Mo.  
 36. pruinosa Csy. 06-210 N.Y.  
 37. dakotana Csy. 06-210 N. Dak.  
 38. illini Csy. 06-210 Mo.  
 39. ornatella Csy. 06-211 Tex.  
 40. arida Csy. 06-211 So. Cal.  
 41. faceta Csy. 85-302 Cal.  
 42. vespertina Csy. 06-212 So. Cal.  
 vacica Csy. 11-175 Cal.  
 — ?nitidula Fauv. mss. Nfld.

**Meronea** Sharp 85-779

- (*Merona* || Sharp 85-229)  
 5743. venustula (Er.) 40-55 R.I.-Fla. Ia.  
 44. montana Csy. 06-222 Tex.-Ut. [Ind.  
 45. obliqua Csy. 06-223 N.Y.

**Myrmecopora** Sauley 64-429

(Ilysa Rey 75-419)

(Xenusa Rey 75-410)

5746. vaga (Lec.) 66-371  
 — crassiuscula Aubé 50-301  
 pygmæa Sachse 52-115

L.Sup.

So.Eur.

N.Am.in error.

*Falagria*  
 Fenyes, 12

**Borboropora** Kr. 62-405

(Orthagria Csy. 06-260)

(Ancurota Csy. 06-260)

(Pseudoscopæus Weise 76-8)

5747. quadriceps (Lec.) 66-371 N.Y.Pa.W.Va.  
 48. grandis Bnhr. 05-21 N.Am.  
 49. sulcifrons (Csy.) 93-348 Fla.

**Cardiola** Rey 75-452.

5750. obscura (Grav.) 02-74 Eur.Pa.N.Y.

**Aleodorus** Say 36-157

(Chitalia Sharp 83-235)

5751. bilobatus Say 36-156 Mo.-Mass.  
 scutellaris (Lec.) 66-370 N.Y. [Ind.  
 granulosus (Csy.) 06-235 Miss. Md.  
 illustris (Csy.) 06-235 Miss.  
 canadensis (Csy.) 06-236 Que.  
 nigrescens (Csy.) 06-236 Ia.  
 turbatus (Csy.) 11-176 N.J.  
 52. intricatus (Csy.) 06-234 N.Mex.Colo.  
 Ariz.  
 53. partitus (Lec.) 66-371 Fla.Ala.La.  
 floridanus (Csy.) 06-237 Fla.  
 novellus (Csy.) 11-176 Tex.

**Falagriota** Csy. 06-229

5754. occidua Csy. 85-285 Cal.  
 lucida Csy. 06-257 Cal.  
 asperula Csy. 06-257 Cal.  
 picina Csy. 06-257 Cal.  
 evanescens Csy. 06-258 Cal.

**Falagriota** Csy.

- collaris Csy. 06-258 Cal.  
 parvipennis Csy. 06-259 Cal.

**Falagria** Mann. 30-12

5755. dissecta Er. 40-49 U.S. & Can.Ct.  
 iowana Csy. 06-247 Ia. [Ind.  
 ithacana Csy. 06-247 N.Y.  
 subsimilis Csy. 06-248 Colo.N.Mex.  
 texana Csy. 06-248 Tex.  
 angulata Csy. 06-249 Ut.  
 sterilis Csy. 11-178 Ut.

**Lissagria** Csy. 06-228

5756. læviuscula (Lec.) 66-371 Cal.So.Cal.  
 fissilis Csy. 06-254 Cal.  
 robusta Csy. 06-254 Cal.  
 a. impressifrons Csy. 06-254 Cal.  
 minuscula Csy. 06-254 Cal.  
 longicollis Csy. 06-255 Cal.

**Lorinota** Csy. 06-226

5757. cingulata (Lec.) 66-370 N.Y.-Mo.Ind.  
 tenuicornis Csy. 06-243 Ohio, Ia. [Fla.  
 gracilis Csy. 06-244 N.C.  
 bilimbata Csy. 06-245 Ia.  
 sinuosa Csy. 11-178 Wis.  
 58. caviceps Csy. 06-240 N.Mex. Ariz.  
 pinalica Csy. 06-241 Ariz.  
 59. arizonica Csy. 06-241 Ariz.Colo.Ut.  
 fontinalis Csy. 06-241 Colo. [N.Mex.  
 acomana Csy. 06-242 N.Mex.  
 60. parva Csy. 06-244 Fla.

**Anaulacaspis** Ganglb. 95-255

(Falagrioma Csy. 06-226)

(Melagria Csy. 06-227)

(Leptagria Csy. 06-227)

(Falagriola Reitt. 09-74)

5761. longipes (Woll.) 71-284 Ga.Eur.Asia.  
 62. perexilis (Csy.) 06-250 Tex.  
 hudsonica (Csy.) 06-251 N.J.

## ALEOCHARINI

*Aleocharæ***Aleochara** Grav. 02-67

(Aleochara Grav. s.str.)

5763. curtula Goeze 77-730 Eur. & N.Am.  
 fuscipes Fab. 92-266 Eur. Can.-  
 brachyptera Fourc. 85-167 Eur. Fla.  
 64. lustrica Say 36-468 L.I. Ind. Va.  
 La.Miss.  
 a. sternalis Csy. 06-138 N.Y.  
 65. crassicornis B. & L. 35-531 Eur.&N.Am.?  
 66. lata Grav. 02-186 Fla.Nfld.Va.  
 Ia. Ind.N.Y.  
 67. rubripes Blatch. 10-365 Ind. [Cosmop.  
 68. texana Csy. 06-137 Tex.  
 69. fusicornis Csy. 06-138 N.E.Am.  
 70. algonquina Csy. 06-139 Ohio.  
 71. medialis Csy. 06-140 N.Y.  
 72. tahoensis Csy. 06-141 Cal.  
 73. kansana Csy. 06-141 Kan.  
 a. ellipsicollis Csy. 06-142 Kan.  
 74. pleuralis Csy. 06-141 N.Y. Ind.  
 75. americana Csy. 06-142 Mass.  
 76. postpieta Csy. 06-142 Colo.  
 77. montanica Csy. 06-143 Mont.  
 78. thoracica Csy. 93-286 Can.  
 79. collusor Csy. 06-143 R.I.

**Aleochara** Grav.

(Xenochara Rey 74-60)

5780. puberula Klug 32-139 Eur. & N.Am.?  
 Ga.Mo.So.Cal.  
 Tex.

81. bipartita Csy. 93-287

(Aidochara Csy. 06-145)

82. planiventris Csy. 06-146 Cal.

(Oreochara Csy. 06-148)

83. laramiensis Csy. 06-148 Wy.

(Calochara Csy. 06-149)

84. rubripennis Csy. 06-150 Cal.

?rubripennis Pettit mss. 72-99

Can.

**Baryodma** Thoms. 58-31

5785. morion Grav. 02-97 Eur. & N.Am.  
 Nev. Conn.

86. castaneipennis Mann. 43-224 B.C.-Cal.

87. robustula Csy. 06-152 So.Cal.

88. glenorana Csy. 06-153 B.C.

89. uvidula Csy. 06-153 Cal.

90. rotundicollis Csy. 06-153 Alas.

91. acomana Csy. 06-154 N.Mex.

92. mannerheimi Csy. 06-154 B.C.



**Baryodma** Thoms.

5793. *insulana* Csy. 06-155 Alas.  
 94. *rubricalis* Csy. 11-4 B.C.  
 95. *concurrans* Csy. 11-5 B.C.  
 96. *eludens* Csy. 11-5 Cal.  
 97. *defecta* Csy. 06-155 N.Y.  
 98. *affluens* Csy. 06-156 B.C.  
 99. *sculptiventris* Csy. 93-285 N.Y.-N.C.Ind.  
 5800. *imbricata* Csy. 06-157 Cal.Nev.  
 01. *idonea* Csy. 06-157 N.J. [Mont.  
 02. *salicola* Csy. 06-157 So.Cal.  
 03. *humboldti* Csy. 10-108 N.Mex.-Ariz.  
     *densiventris* || Csy. 06-158 Cal. [Cal.  
 04. *obsolescens* Csy. 06-158 N.Mex.  
 05. *recta* Csy. 06-159 Ct. Ariz. Nfld.  
 06. *bimaculata* Grav. 02-187 Fla.  
     Can.Ind.

07. *notula* Er. 40-167 W.I.&N.Am.?  
 08. *nitidicollis* Csy. 06-160 Tex.  
 09. *nanella* Csy. 06-150 Tex.  
 10. *innocua* Csy. 06-150 Cal.  
 11. *deserticola* Csy. 06-160 Ariz.  
 12. *densissima* Bnhr. 06-345 Cal.

*(Coprochara* Rey 74-146)

13. *verna* Say 36-156 N.U.S.&Can.  
     *?languida* Sachse 52-117 N.Am. Eur.  
     a. *anthomyiæ* Spr. 69-370 Mass.  
 14. *tolerata* Csy. 11-6 Cal.  
 15. *ontarionis* Csy. 16-71 Can.  
 16. *minuta* Csy. 06-161 Cal. Ia.  
 17. *pumilio* Csy. 11-6 Ia.  
 18. *suffusa* Csy. 06-162 Colo.  
 19. *acuminata* Csy. 06-162 Colo.  
 20. *nitida* Grav. 02-97 Eur.&N.Am.  
     *bipustulata* L. ‡ 61-232 Ind. [Fla. Ariz.  
     *pauxilla* M. & R. 73-443 Fr.&N.Am.?  
     Tex.Nev.Cal.

*(Polychara* Rey 74-64)

21. *villosa* Mann. 30-67 Eur.&N.Am.?  
 22. *fumata* Er. 39-357 Eur.AN.Am.?  
 23. *mœrens* Gyll. 10-493 Eur.&N.Am.?  
     Sib. B.C.  
 24. *speculicollis* Bnhr. 01-371 Tex.  
 25. *gracilicornis* Bnhr. 01-372 Mass.  
 26. *soror* Bnhr. 06-347 So.Cal.  
 27. *sparsicollis* Bnhr. 06-347 Cal.

*(Isochara* Bnhr. 01-440)

28. *densiventris* Bnhr. 06-346 So.Cal.

*(Eucharina* Csy. 06-165)

29. *tibialis* Csy. 06-166 Cal.  
 30. *sulcicollis* Mann. 43-225 So.Cal. Alas.  
     Or. B.C.  
     *rugosa* Csy. 06-166 Alas. B.C.  
 31. *debilicornis* Csy. 06-167 So.Cal.  
 32. *cylindrella* Csy. 06-167 So.Cal.

**Emplenota** Csy. 84-17*(Polystoma* || Steph. 27-430)

5833. *maritima* Csy. 84-17 N.Y.-Va. Nfld.  
 34. *pacifica* Csy. 93-290 So.Cal.  
 35. *arenaria* Csy. 93-289 So.Cal.  
 36. *trilimbata* Csy. 06-175 Cal.  
 37. *longiceps* Csy. 11-9 B.C.

*(Echochara* Csy. 06-176)

38. *lucifuga* Csy. 93-288 Ky. Ind.  
     *cavicola* (Garman) 94-81 Ky.

**Emplenota** Csy.

- (*Pinalochara* Csy. 06-177)  
 5839. *wickhami* Csy. 06-178 Ariz.  
     (*Rheochara* Rey 74-163)\*  
 40. *nebulosa* Csy. 06-179 Pa.  
     (*Rheobioma* Csy. 06-180)  
 41. *disjuncta* Csy. 06-181 Cal.  
 42. *terrena* Csy. 11-7 Cal.  
 43. *marcida* Csy. 11-8 Cal.  
     (*Rheocharella* Csy. 06-181)  
 44. *fenyesi* Bnhr. 05-255 So.Cal.  
 45. *maura* Sachse 52-117 N.Am.  
 46. *cognata* Mäkl. 52-310 Alas.  
 47. *quadrifer* Csy. 06-175 Cal.  
     — *algarum* Fauv. 62-92 ‡ Eur. (U.S.?)  
     — *graciliformis* Fauv. mss. ‡

**Maseochara** Sharp 83-154*(Tithanis* Csy. 84-16)

5848. *semivelutina* Solsky 83-154 Mex.&Ariz.?  
 49. *decipiens* Csy. 06-169 Ariz.  
     *?opacella* Sharp 83-154 Mex. Ariz.?  
 50. *valida* (Lec.) 58-16 So.Cal.  
 51. *californica* Csy. 85-309 So.Cal.  
 52. *ponderosa* Csy. 06-170 Ariz.  
 53. *ruficauda* Csy. 06-170 Ariz.  
 54. *puberula* Csy. 93-284 Ariz. So.Cal.  
 55. *musta* Csy. 11-7 Ariz.  
 56. *basalis* Csy. 06-171 Cal.

**Homœusa** Kr. 58-76

5857. *acuminata* Märk. 42-143 Eur.&N.Am.  
     (*Soliusa* Csy. 00-53)  
 58. *crintula* Csy. 00-54 N.Y. Conn.  
 59. *frosti* Csy. 11-53 Mass.

**Myrmobiota** Csy. 93-594

5860. *crassicornis* Csy. 93-595 Ia.

**Diniardilla** Wasm. 01-145

5861. *liometopi* Wasm. 01-145 Colo.

**Decusa** Csy. 00-54

5862. *expansa* Lec. 66-373 D.C.

**Euthorax** Sol. 49-345*(Myrmecochara* Kr. 57-40)

5863. *debilis* Wasm. 94-206 D.C.  
 64. *crinita* Csy. 93-596 Colo.  
 65. *pictipennis* Kr. 57-41 La. Tex. Mex.

**Crataræa** Thoms. 58-34*(Microglotta* Kr. 62-300)*(Haploglossa* || Kr. 56-78)*(Microglossa* ‡ Ganglb. 95-52)

5866. *suturalis* Mann. 30-82 Eur. R. I. Ia.  
     Can. Mass. S.C.  
     Cal. [Mo. Cal.  
 67. *grandiceps* Csy. 11-9

**Melanalia** Csy. 11-10

5868. *tabida* Csy. 11-10 Cal.  
 69. *tetricula* Csy. 11-11 Cal.  
     *larvalis* Csy. 11-11 Cal.

**Ischnoglossa** Kr. 56-56

5870. *angustiventris* Csy. 93-303 Ia.  
 71. *asperata* Csy. 93-303 Cal.



<b>Gnathusa</b> Fenyes 09-197		<b>Echidnoglossa</b> Woll.	
5980. <i>eva</i> Fenycs 09-198	Cal.	6002. <i>morigera</i> Csy. 11-58	Ut.
<b>Ocalea</b> Er. 39-298		03. <i>eximia</i> Csy. 85-293	Cal.
5981. <i>franciscana</i> Csy. 06-306	Cal.	<i>ludibunda</i> Csy. 11-59	Cal.
82. <i>grandicollis</i> Csy. 06-305	Cal.	<i>clavicauda</i> Csy. 11-58	Cal.
83. <i>vancouveri</i> Csy. 93-309	Vanc.	04. <i>exilis</i> Csy. 85-294	Cal.
84. <i>agnita</i> Csy. 11-55	Ariz.	05. <i>defecta</i> Csy. 11-59	Cal.
85. <i>fusca</i> Fenyes 09-424	Ariz.	<i>a. leviventris</i> Csy. 11-61	Cal.
( <i>Isoglossa</i> Csy. 11-54)		06. <i>illecta</i> Csy. 11-60	Or.
86. <i>pellax</i> Csy. 11-54	Cal.	07. <i>quadripennis</i> Csy. 11-60	Cal.
87. <i>arcuata</i> Csy. 93-304	Cal.	08. <i>tenuicornis</i> Csy. 11-61	Cal.
( <i>Parocalea</i> Bnhr. 01-431)		09. <i>brevicornis</i> Csy. 93-313	Cal.
88. <i>baicalica</i> Epp. 93-20	Sib.&N.Am.	10. <i>lacustris</i> Csy. 93-313	Mich.
<b>Callicerus</b> Grav. 02-66		11. <i>gracilis</i> Csy. 85-292	Cal.
( <i>Semiris</i> Thoms. 60-299)		<i>ventralis</i> Csy. 11-62	Cal.
5989. <i>canadensis</i> Csy. 06-309	Can.	<i>a. gaudens</i> Csy. 11-62	Cal.
90. <i>puberulus</i> Csy. 94-310	N.Y.	12. <i>brendeli</i> Csy. 93-314	Ia.
<b>Ityocara</b> Thoms. 60-239		13. <i>monticola</i> Csy. 93-315	Colo.
5991. <i>rubens</i> Er. 37-304	Eur.&N.Am.	14. <i>lativentris</i> Csy. 93-315	Mont.
<b>Chilopora</b> Kr. 58-146		15. <i>grandicollis</i> Csy. 85-295	Cal.
5992. <i>americana</i> Csy. 06-306	N.Y.	16. <i>eminens</i> Csy. 11-63	Cal.
93. <i>fuliginosa</i> Csy. 06-307	N.C.	<b>Pachycerota</b> Csy. 06-307	
<b>Longipeltina</b> Bnhr. 12-682		6017. <i>duryi</i> Csy. 06-308	Mass.-Ia.
5994. <i>bakeri</i> Bnhr. 12-682	Cal.	<b>Phlæopora</b> Er. 37-311	
<b>Calodera</b> Mann. 30-85		6018. <i>testacea</i> (Mann.) 30-86	Eur.N.Am.
5995. <i>infusata</i> Blatch. 10-361	Ind.	<i>?reptans</i> (Grav.) 06-154	Eur.
<b>Amarochara</b> Thoms. 58-32		19. <i>oregona</i> Csy. 06-310	Or.
5996. <i>fenyesi</i> Blatch. 10-361	Ind.	20. <i>corticalis</i> (Grav.) 02-76	Eur. N. Am.
<b>Echidnoglossa</b> Woll. 64-530		<i>ferruginea</i> Csy. 93-306	Pa.
( <i>Colusa</i> Csy. 85-288)		21. <i>debiliceps</i> Csy. 11-19	Nev.
( <i>?Blepharhymenius</i> Sol. 51-339)		22. <i>liberta</i> Csy. 11-19	N.C.
5997. <i>valida</i> Csy. 85-294	Cal.	23. <i>adversa</i> Csy. 11-20	So.Cal.
98. <i>æmula</i> Csy. 11-56	Cal.	24. <i>jacobiana</i> Csy. 11-20	So.Cal.
99. <i>concinna</i> Csy. 11-56	Cal.	25. <i>sublævis</i> Csy. 06-310	Ia.N.C.Ind.
6000. <i>strangulans</i> Csy. 11-57	Cal.	26. <i>?latens</i> Er. 39-78	Eur.Pa Mo.Ia.
01. <i>occidua</i> Csy. 11-57	So.Cal.	( <i>Nasirema</i> Csy. 93-307)	
		27. <i>humilis</i> Csy. 93-308	Pa.
		28. <i>inquilina</i> Csy. 06-311	Ia.
		29. <i>parviceps</i> Csy. 93-309	R.I.
		?	
		<b>Beyeria</b> Fenyes 10-118	
		6030. <i>vespa</i> Fenyes 10-119	Ariz.

## PSELAPHIDÆ

Latreille 07; Aubé 33; Leconte 50; Brendel & Wickham 90; Casey 84, 86, 87, 93, 97, 08; Raffray 08-11

## FARONINI

<b>Sonoma</b> Csy. 86-195		<b>Sonoma</b> Csy.	
( <i>Faronus</i> ‡ auct.)		6037. <i>parviceps</i> (Maekl.) 52-372	Alas.B.C.
( <i>Sagola</i> ‡ auct. nec Sharp 74-506)		38. <i>cavifrons</i> Csy. 87-481	Cal.
6031. <i>isabellæ</i> (Lec.) 51-663	Cal.So.Cal.	( <i>Rafonus</i> Csy. 93-441)	
32. <i>corticina</i> Csy. 87-480	Cal.	39. <i>toluke</i> (Lec.) 50-109	Ga.Va.Pa.
33. <i>grandiceps</i> Csy. 93-437	Cal.	<b>Megarafonus</b> Csy. 97-550	
34. <i>longicollis</i> Csy. 93-438	Cal.	6040. <i>ventralis</i> Csy. 97-550	Or.B.C.
35. <i>subsimilis</i> Csy. 93-439	Cal.		
36. <i>rubida</i> Csy. 93-439	Cal.		

## JUBINI

<b>Stratus</b> Schauf. 72-246		( <i>Jubinini</i> Raffray)	
6041. <i>ursinus</i> Schauf. 72-452	La.Mex.		



## EUPLECTINI

- Thesium** Csy. 84-94  
(*Apothinus* Sharp 87-35)
6042. laticolle (Csy.) 84-118 La.Ia.Tex.  
43. brevicolle Raffr. 98-221 ?La.Mex.  
44. cavifrons (Lec.) 63-28 La.Miss.Pa.
- Rhinoscepsis** Lec. 78-382
6045. bistriatus Lec. 78-382 Fla.
- Basolum** Csy. 97-571
6046. impunctatum (Bndl.) 90-34 Va.Md.  
47. ?durum (Bndl.) 92-166 Ia.
- Morius** Csy. 93-445
6048. occidens Csy. 93-446 Cal.
- Cupila** Csy. 97-561
6049. clavicornis (Maekl.) 52-371 Alas.Or.
- Simplona** Csy. 97-561
6050. arizonica Csy. 97-562 Ariz.
- Pseudotrimium** Raffr. 98-230
6051. microcephalum Raffr. 98-230  
?La.Mex.
- Trimiomelba** Csy. 97-563
6052. lævis Csy. 97-564 D.C.  
53. convexula (Lec.) 78-383 Ill.Pa.Fla.  
54. dubia (Lec.) 50-108 Ind.So.St.Ga.
- Actium** Csy. 86-201  
(*Proplectus* Raffr. 90-94)  
(*Actiastes* Csy. 97-561)
6055. californicum (Lec.) 78-383 Cal.So.Cal.  
pallidum Csy. 87-473 Cal.  
decipiens (Raffr.) 90-197
56. politum Csy. 87-473 Cal.  
57. bicolor Csy. 08-269 N.Mex.  
58. robustulum Csy. 87-474 Cal.  
59. testaceum Csy. 87-475 Cal.  
60. candidum Csy. 93-465 Cal.  
61. marinicum Csy. 93-465 Cal.  
62. blandum Csy. 08-271 Pa.  
63. retractum Csy. 08-270 Alas.  
64. costale (Bndl.) 92-166 Pa.  
65. foveicolle (Lec.) 78-384 Mass.R.I.Pa.  
66. angustum Csy. 97-559 Pa.  
67. pacificum Csy. 93-466 Cal.  
68. bifoveatum Csy. 97-559 Cal.  
69. brevipenne Csy. 93-467 Cal.  
70. globifer (Lec.) 50-107 S.C.Ga.  
71. parabolicum (Bndl.) 93-281 N.Am.
- Pseudactium** Csy. 08-271
6072. carolinæ Csy. 08-271 N.C.  
73. mellinum Csy. 08-272 Pa.  
74. cephalicum Csy. 08-273 Pa.
- Melba** Csy. 97-565  
(*Trimium* † auct.)  
(*Zolium* Csy. 97-562)  
(*Dalmosella* Csy. 97-570)  
(*Trimionopsis* (pars) Reitt. 83-38)
6075. tenuis (Csy.) 97-570 Pa.  
76. major (Bndl.) 92-167 Ia.Ind.  
77. uniformis Csy. 97-569 R.I.  
78. fossiger Csy. 97-568 N.Y.  
79. puncticolis (Lec.) 78-384 Ariz.
- Melba** Csy.
6080. thoracica (Bndl.) 89-196 Ill.Ia.  
81. laticollis (Bndl.) 92-167 Ia.  
82. parvula (Lec.) 50-108 Ind.Pa.Ill.Ia.  
83. sulcatula Csy. 97-567 Pa. [S.C.  
84. dentipes Raffr. 03-536 Pa.  
85. texana Csy. 97-566 Tex.  
86. discolor (Lec.) 78-384 La.  
87. americana (Lec.) 63-28 Ala.  
88. gracilis (Bndl.) 92-167 Ia.  
89. simplex (Lec.) 78-384 So.St.Fla.
- Trimiopectus** Bndl. 90-50
6090. obsoletus Bndl. 90-50 Ill. Ia.
- Oropodes** Csy. 93-453
6091. orbiceps Csy. 93-453 Cal.So.Cal.  
raffrayi (Bndl.) 94-196 Cal.
- Euplectus** Leach 17-80  
(*Pycnoplectus* Csy. 97-552)
6092. longicollis Csy. 84-99 Md.Va.  
93. confluens Lec. 50-105 D.C.Va.Mass.  
Atl.St.L.Sup.  
94. iowensis Csy. 93-456 Ia. [Ind.  
95. elongatus Bndl. 93-281 Pa.  
96. schmitti Raffr. 03-540 Pa.  
97. californicus Csy. 87-476 Cal.So.Cal.  
98. disjunctus Csy. 97-554 Va.  
99. planipennis Bndl. 89-195 Ia.  
6100. rotundicollis Bndl. 90-61 Ia.  
01. acomanus Csy. 08-265 N.Mex.  
02. duryi Csy. 08-266 Ohio.  
03. difficilis Lec. 50-106 E.St.Ga.  
04. congener Csy. 84-101 Va.D.C.  
05. sexualis Csy. 94-103 S.C.Va.  
06. spinifer Csy. 84-104 Tex.Ill.La.Ga.  
07. infossus Raffr. 03-541 Pa.  
08. linearis Lec. 50-104 La.Ga.Fla.  
Miss.Mich.  
09. hudsonicus Csy. 93-455 N.Y.  
10. longipennis Csy. 08-264 Pa.  
11. floridæ Csy. 08-264 Fla.  
12. interruptus Lec. 50-105 D.C.Va.Fla.  
La.Ga.Ill.  
Miss.  
13. longissimus Bndl. 90-71 S.C.Ga.  
14. imperfectus Csy. 97-553 D.C.  
15. tenellus (Csy.) 97-552 Pa.  
16. impressiceps Csy. 08-265 Pa.
- Leptoplectus** Csy. 08-266
6117. pertenuis Csy. 84-109 Pa.D.C.  
18. filiformis Csy. 08-268 Pa.O.  
19. insolens Csy. 08-268 Pa.  
20. exilissimus Csy. 08-269 Ohio.
- Thesiastes** Csy. 93-444
6121. fossulatus (Bndl.) 90-59 Ill.Ind.  
22. pumilus (Lec.) 50-106 La.Ga.S.C.  
23. debilis (Lec.) 78-386 Fla.  
tenuis (Lec.) 78-386 Fla.  
24. atratus Csy. 93-457 R.I.
- Acolonia** Csy. 93-443
6125. cavicollis (Lec.) 78-387 Fla.
- Bibloporus** Thoms. 61-225  
(*Faliscus* Csy. 84-94)
6126. bicanalis (Csy.) 84-120 N.Y.

**Biblopectus** Reitt. 81-529

6127. *ruficeps* (Lec.) 63-28 Tex. Fla. La.  
 28. *integer* (Lec.) 78-386 Mich. [Mich.  
 29. *leviceps* (Csy.) 84-115 Md. D.C.  
 30. *sobrinus* Csy. 97-555 R.I.

**Ramecia** Csy. 93-450(*Biblomimus* Raffr. 03-545)

6131. *crinita* (Bndl.) 90-55 Mich. Va. No.  
 32. *capitulum* (Csy.) 84-112 Mich. Fla. [St.  
 33. *arcuata* (Lec.) 50-106 Ga. Va. Fla.

**Ramecia** Csy.

6134. *discreta* Csy. 93-451 Pa.  
 35. *decora* (Csy.) 84-113 Tex.  
 36. *dentiventris* Csy. 93-452 Va.

**Eutyphlus** Lec. 80-185(*Nicotheus* Csy. 84-94)

6137. *similis* Lec. 80-185 Va. D.C.  
*tibialis* (Csy.) 84-121 D.C. Va.  
 38. *prominens* Csy. 93-460 Va.  
 39. *schmitti* Raffr. 03-546 Pa.

## TRICHONYCHINI

**Oropus** Csy. 86-196(*Trichonyx* † Lec.)

6140. *interruptus* Csy. 86-199 Cal.  
 41. *convexus* Csy. 86-198 Cal.  
 42. *testaceus* Csy. 08-274 Cal.  
 43. *keeni* Csy. 08-275 B.C. Vanc.  
 44. *striatus* (Lec.) 74-49 Cal. Vanc.  
 45. *abbreviatus* Csy. 86-200 Cal.  
 46. *montanus* Csy. 87-479 Cal.  
 47. *brevipennis* Csy. 08-275 B.C.  
 48. *curtipennis* Csy. 08-276 Cal.  
 49. *castaneus* Csy. 08-276 Cal.  
 50. *basalis* Csy. 08-276 Cal.  
 51. *cavicauda* Csy. 93-448 Cal.  
 52. *debilis* Csy. 08-277 Cal.

**Rhexidius** Csy. 87-478(*Conoplectus* Bndl. 90-42)(*Prorhexius* Raffr. 90-103)**Rhexidius** Csy.

6153. *granulosus* Csy. 87-478 Cal.  
 54. *asperulus* Csy. 93-449 Cal.  
 55. *canaliculatus* (Lec.) 50-107 E. of Miss.  
*sylvaticus* Raffr. 90-197 S.C. Ga. Mich.  
 56. *intermedius* Bndl. 92-13 Md. Ga. Ind.  
 57. *trogasteroides* Bndl. 92-12 [Fla. Pa.

**Rhexius** Lec. 50-102

6158. *insculptus* Lec. 50-103 N.J. Miss. La.  
 59. *substriatus* Lec. 78-382 Fla. [Ind. Fla.  
 60. *schmitti* Bndl. 93-281 Pa.  
 61. *hirsutus* Csy. 08-279 Mo.  
 62. *ruber* Csy. 08-279 D.C.  
 63. *ferrugineus* Csy. 08-280 Pa.  
 64. *virginicus* Csy. 08-281 Va.  
 65. *transversus* Csy. 08-281 ?Ind.

## BATRISINI

**Arianops** Bndl. 93-279(*Anops* Bndl. 90-80)(*Eusanops* Csy. 97-582)

6166. *amblyoponica* Bndl. 90-80 Pa.  
 67. *plectrops* Csy. 97-582 N.C.

**Arthmius** Lec. 50-91

6168. *globoicollis* Lec. 50-91 Fla. Ga. Pa.  
 69. *gracilior* Csy. 84-88 Fla.  
 70. *bulbifer* Csy. 93-474 Tex.  
 71. *involutus* Csy. 93-474 N.C.

**Batrisodes** Reitt. 81-205(*Batrisus* Lec. nec Aubé)

6172. *ionæ* (Lec.) 50-94 Ga. Pa. Ind.  
 73. *armiger* (Lec.) 50-94 Pa.  
 74. *monstrosus* (Lec.) 50-95 O. Ga.  
 a. *ferox* (Lec.) 50-95 Pa. O. Ind.  
 b. *cristatus* (Lec.) 50-96 Pa.  
 75. *cavicus* Csy. 93-468 N.C. Ind.  
 76. *confinis* (Lec.) 50-96 Ga. Ind.  
 77. *carolinæ* Csy. 93-468 N.C.  
 78. *monticola* Csy. 86-177 Cal.  
 79. *occiduus* Csy. 86-178 No. Cal.  
 80. *aphænogastri* Fall 12-11 Idaho.  
 81. *albionicus* (Aubé) 33-49 Cal. B.C.  
 ♀ *aculcatus* (Lec.) 66-21 [Vanc.  
 82. *lustrans* Csy. 08-261 Cal.  
 83. *tulareanus* Csy. 08-261 Cal.  
 84. *zephyrinus* Csy. 86-175 Nev. Cal.  
*mendocino* Csy. 86-174 Cal.  
 a. *speculum* Csy. 86-176 Cal.  
 85. *cicatricosus* (Bndl.) 90-15 Cal.  
 86. *pygidialis* Csy. 93-470 Cal.  
 87. *denticauda* Csy. 93-471 Cal.

**Batrisodes** Reitt.

6188. *schaumi* (Aubé) 44-84 Pa. Ill.  
*punctatus* (Lec.) 50-97 Ga.  
 89. *riparius* (Say) 24-98 Mo. Ga. Pa.  
 90. *uncicornis* Csy. 97-576 N.Y. [Ind.  
 91. *scabriceps* (Lec.) 50-98 N.J. Pa. Ill. Ia.  
 92. *temporalis* Csy. 97-573 Pa.  
 93. *frontalis* (Lec.) 50-96 Pa. Mo. Wis.  
 94. *lineatocollis* (Aubé) 33-60 Pa. Ga.  
 95. *bistriatus* (Lec.) 50-101 Pa.  
*?fossicauda* Csy. 97-275 Pa. Conn.  
 96. *declivis* Csy. 08-262 Ia.  
 97. *antennatus* Schfr. 06-261 N.C.  
 98. *beyeri* Schfr. 06-262 N.C.  
 99. *harringtoni* Csy. 97-578 Can. Wis. Pa.  
 Conn.  
 6200. *globosus* (Lec.) 50-100 Conn. Fla. Ind.  
 [Vt.  
 01. *spretus* (Lec.) 50-100 Va. O. Ky. Ga.  
 Vt. Ind.  
 02. *foveicornis* Csy. 87-462 Tenn. O. Ind.  
 03. *cavicornis* Csy. 97-579 Pa. O.  
 04. *punctifrons* Csy. 87-463 Pa.  
 05. *appalachianus* Csy. 08-262 Pa.  
 06. *virginia* Csy. 84-90 Va. Ind.  
 07. *furcatus* Bndl. 90-82 Pa.  
 08. *sinuatifrons* Bndl. 93-280 Tenn.  
 09. *clypeonotus* Bndl. 93-280 La.  
 10. *luculentus* Csy. 87-460 D.C.  
 11. *denticollis* Csy. 84-89 Ia. D.C. N.Y.  
 12. *triangulifer* Bndl. 90-29 L.I. [Ill.  
*spinifer* || Bndl. 87-205 L.I.  
 13. *nigricans* (Lec.) 50-99 S.C. Ind. Conn.  
 14. *schmitti* Csy. 97-581 Pa.  
 15. *tridens* Csy. 08-263 Mo.



**Batrisodes** Reitt.6216. *striatus* (Lec.) 50-99

cephalotes Csy. 87-459

aterrimus Csy. 84-91

simplex (Lec.) 78-598

Pa. Ga. Cal.

Mass. Mich.

N.Y.

Mass.

Mich.

**Batrisodes** Reitt.6217. *caseyi* Dury 10-64

O. Ind.

**Euphalepsus** Reitt. 83-3786218. *dentipes* Raffr. 04-184

La.

## BRACHYGLUTINI

**Scalenarthrus** Lec. 80-185

(Cylindrembolus Schauf. 87-103)

(Abryxis Raffr. 90-119)

6219. *horni* Lec. 80-185

Ariz. So. Cal.

**Pselaptus** Lec. 80-1846220. *belfragei* Lec. 80-185

Tex. So. Cal.

**Eutrichites** Lec. 80-1846221. *zonatus* (Bndl.) 65-28*zimmermanni* Lec. 80-184

Va. D.C. Ga.

Tex.

**Anchylarthron** Bndl. 87-208

(Verticinotus Bndl. 90-2)

6222. *cornutum* Bndl. 65-31

Ill. Ia. N.C.

♀ *inornatum* Bndl. 65-25823. *curtipenne* Csy. 97-611

Ia.

24. *caviceps* Csy. 97-612

Fla.

**Nisaxis** Csy. 86-1836225. *tomentosa* (Aubé) 33-93a. *cincinnata* Csy. 87-46626. *maritima* Csy. 87-46827. *parviceps* Csy. 97-61028. *caudata* Schffr. 05-124

N. Am. Conn.

Tex. Ill. Neb.

Tex.

Neb.

Tex.

**Briaraxis** Bndl. 94-1586229. *depressa* Bndl. 94-159

So. Fla.

**Brachygluta**<sup>1</sup> Thoms. 59-54

(Bryaxis ‡ Aubé 33-23 nec Leach)

(Nisa Csy. 86-182)

6230. *abdominalis* (Aubé) 33-27

Mass. N.Y.

Atl. St. Conn.

*dentata* Aubé nec Say.31. *floridana* Bndl. 65-257

Fla.

32. *intermedia* Bndl. 90-279

Atl. St.

33. *labyrinthea* Csy. 93-477

N.Y.

34. *ulkei* Bndl. 66-193

D.C. Md. Va.

35. *illinoisensis* Bndl. 65-257

N. Am. Ind.

36. *dentata* (Say) 24-99

Mass. N.Y. Atl.

37. *intricata* Csy. 93-479

N.Y. [St. Fla.]

38. *terebrata* Csy. 93-481

N.Y. N.J. L.I.

*perforata* || (Bndl.) 66-192

[Conn.]

39. *foveata* Lec. 51-215

So. Cal. Ut.

40. *arguta* (Csy.) 97-585

Mich. Pa.

41. *belfragei* Lec. 80-181

La. Tex.

42. *infinita* Csy. 86-184

Tex.

43. *loripes* Csy. 93-480

So. Cal.

44. *texana* Csy. 86-183

Tex. N. Mex.

45. *arizonæ* Csy. 87-465

Ariz.

46. *jacobina* Csy. 08-259

So. Cal.

47. *luniger* Lec. 50-87

Mass. Md. Va.

48. *cavicornis* Bndl. 65-30

Va. Ind. [Fla.]

49. *perpunctata* Bndl. 90-275

Ga.

50. *elegans* Bndl. 90-276

Ariz.

**Reichenbachia** Leach 25-451

(Bryaxis auct. pars)

6251. *gemmifer* Lec. 80-182

Ia. Mich. Ind.

**Reichenbachia** Leach.6252. *canadensis* Bndl. 87-206

Can. Ind.

53. *cylindrartus* (Bndl.) 93-279

Ill.

54. *radians* Lec. 80-182

Ill. Ind.

55. *subsimilis* Csy. 97-594

Ia.

56. *atlantica* Bndl. 66-113

La. Fla.

57. *divergens* Lec. 80-182

Ia. Mass.

58. ?*trigona* Lec. 80-183

Mo.

59. ?*bicolor* Bndl. 90-294

Ia.

— *minuta* Bndl.?60. *congener* (Bndl.) 65-257

Ia. Mass.

61. *facilis* Csy. 84-87

L.I.

62. *scabra* Bndl. 65-29

N. Am.

63. *cribricollis* Bndl. 90-291

N. Atl. St.

64. *rubicunda* Aubé 44-116

Pa. N.Y. Ga.

65. *fusciventris* Csy. 97-599

Fla. Conn. Ind.

66. *insolita* Csy. 97-597

N.Y.

67. *semirugosa* Bndl. 95-183

R.I.

68. *kansana* Csy. 97-595

Pa.

69. *gracilis* Csy. 84-32

Kan.

70. *ursina* Csy. 97-596

Mich.-La. Ind.

71. *gracilicornis* Csy. 86-190

Mo.

72. *inepta* Csy. 93-484

Tex.

73. *sodalis* Csy. 97-598

N.J.

74. *peregrinator* Csy. 97-599

Ark.

75. *furtiva* Csy. 93-483

Neb.-Dak.

76. *puncticollis* Lec. 50-87

Pa.

77. *borealis* Csy. 97-601

E. of Miss. N.J.

78. *corporalis* Csy. 97-600

Fla. Conn.

79. *inopia* Csy. 84-33

Can. Mass.

80. *litoralis* Bndl. 90-296

Mich. Can.

81. *distans* Csy. 97-602

Fla.

82. *demissa* Csy. 93-485

Tex. Va.

83. *procera* Csy. 97-604

Can.

84. *pygidialis* Raffr. 04-160

D.C.

85. *arcifer* Csy. 97-604

?Ia.

86. *sagax* Lec. 80-183

N. Am.

87. *wickhami* (Bndl.) 93-280

Kan.

88. *subtilis* Lec. 51-215

So. Cal.

89. ?*nevadensis* Csy. 86-191

Colo.

90. *arthritica* Bndl. 94-159

Cal.

91. *tumidicornis* Csy. 86-187

Nev.

92. *tumida* Lec. 80-183

Cal.

93. *deformata* Lec. 80-183

Cal. So. Cal.

94. *taphrocera* Csy. 97-605

Cal.

95. *caseyi* Raffr. 04-240

Cal.

96. *articularis* || Csy. 97-608

So. Colo.

97. *fundata* Csy. 86-182

Cal.

98. *americana* Raffr. 04-241

Cal.

99. *binodifer* Csy. 97-608

Vanc.

100. *polita* Bndl. 90-297

N.Y.

101. *fusticornis* Csy. 97-608

No. Cal.

102. *spatulifer* Csy. 97-609

Can.

103. *propinqua* Lec. 50-88

L. Sup. Mass.

104. *tumida* Lec. 80-183

Tex. [Mich.]

105. ?♀ *complectens* Lec. 80-183

Tex. Fla.

106. *albionica* Mots. 45-43

Cal.

<sup>1</sup> Parentheses omitted under Brachygluta.



**Reichenbachia** Leach

6304. dilatipes Schfr. 06-262 Tex.  
 05. compar Lec. 51-215 Cal.  
 franciscana Csy. 86-193 Cal.  
 06. falli Csy. 97-606 Cal.  
 07. turgidicornis Csy. 97-607 Cal. So. Cal.  
 08. depressifrons (Bndl.) 93-279 Cal.

**Rybaxis** Sauley 74-136

(Bryaxis Leach 17-85)

6309. valida Bndl. 90-273 N.Y. Ill. Ind.  
 sanguinea Leach ‡ Lec. 80-181 Eur. Sib.  
 10. conjuncta Lec. 50-85 Can. Mass. Atl.  
 St.-Id. Mich. Ill.  
 a. ♂ truncaticornis Bndl. 90-274  
 11. clavata (Bndl.) 66-196 Atl. St.  
 brendeli (Lec.) 80-181 Ind.  
 12. mystica Csy. 93-476 R. I.  
 13. varicornis Bndl. 90-274 R. I.

**Decarthron** Bndl. 65-30

6314. formiceti (Lec.) 50-90 Pa. La. Fla.  
 velutinum (Lec.) 50-86 N.J. [Conn.  
 15. stigmosumdl. 65-21 E. St. & Can.  
 16. scarificatum Bndl. 93-278 Can. Ia.  
 17. abnorme (Lec.) 50-89 E. St. & Can.  
 Fla.  
 18. laurenticum Csy. 97-584 Can. Mass.  
 19. brendeli Csy. 87-464 Ind. Tex. Cal.  
 So. Cal.  
 20. longulum (Lec.) 50-89 N.Y. L. Sup.  
 21. exsectum Bndl. 65-32 No. St. Fla. [Ct.  
 22. strenuum Bndl. 65-32 Pa. N.J.  
 23. discolor Bndl. 90-265 N. Mex.  
 24. marinum Bndl. 93-278 La. Miss.  
 25. seriepunctatum Bndl. 93-278 Tenn.

**Eupsenius** Lec. 50-90

6326. glaber Lec. 50-90 La. S. C. Fla.  
 27. rufus Lec. 63-28 Ala. Fla.

## TYCHINI

**Dalmodes** Reitt. 81-19

6328. schaufussi Raffr. 96-266 ?La.

**Machærodes** Bndl. 90-252

(Bythinus ‡ auct.)

6329. carinatus Bndl. 65-29 Can.-Va.

**Bythinopsis** Raffr. 08-282

6330. tychoides (Bndl.) 65-259 Pa.  
 bythinoides (Bndl.) 90-253  
 31. carolinæ (Csy.) 97-614 N.C.

**Pselaptrichus** Bndl. 89-194

6332. tuberculipalpus Bndl. 89-194 Cal.

**Tychus** Leach 17-84

6333. minor Lec. 50-82 L. Sup.-Ga.  
 Ind. Mass. [N.Y.  
 testaceus Csy. 84-31  
 34. pocahontas Csy. 97-615 Va.  
 35. cognatus Lec. 74-50 Vanc.  
 bipuncticeps Csy. 87-470 Cal.

**Tychus** Leach

6336. sonomæ Csy. 87-469 Cal.  
 37. verticalis Csy. 93-492 D.C.  
 38. spiculifer Csy. 93-491 Pa.  
 39. sternalis Raffr. 04-268 Pa.  
 40. puberulus Lec. 51-214 Cal.  
 41. hexagonus Csy. 97-616 Cal. So. Cal.  
 42. tenellus Lec. 51-214 Cal. So. Cal.  
 43. microphthalmus Bndl. 93-277 Colo.

**Cylindrartus** Schauf. 87-91

6344. longipalpis (Lec. 50-82) B.C. Colo. Fla.  
 Ind. L. Sup.  
 45. americanus Schauf. 87-92 Ill.  
 46. ludovicianus (Bndl.) 93-277 La. Miss.  
 47. comes Csy. 93-489 Fla.  
 48. crinifer Csy. 93-489 Ind. Ia.

**Valda** Csy. 93-493

6349. frontalis Csy. 93-493 Cal.

## PSELAPHINI

**Pselaphus** Hbst. 92-106

6350. bellax Csy. 93-495 Mass.-Ill.  
 Conn.  
 51. erichsoni Lec. 50-81 E. St. L. Sup.

**Pselaphus** Hbst.

6352. longiclavus Lec. 50-81 Ia.-La. Fla.  
 53. fustifer Csy. 93-495 N.Y. N.J.

## HOLOZODINI

**Caccoplectus** Sharp 87-22

6354. spinipes Schfr. 06-263 Tex.

## CTENISTINI

**Anitra** Csy. 93-499

6355. glaberula Csy. 93-500 Ariz.

**Biotus** Csy. 87-456

6356. formicarius Csy. 87-456 So. Cal.

**Atinus** Horn 68-127

(Chennium ‡ auct. nec Latr.)

6357. monilicornis (Bndl.) 66-190 Va. Tenn.  
 58. brevicornis Csy. 93-498 Tex.

**Pilopius** Csy. 97-617(Ctenistes auct. nec Reich.)  
(Sognorus Csy. nec Reitt.)

6359. lacustris Csy. 97-619 Can.-Ia. Ind.  
 60. saginatus Csy. 97-620 Can.-Mass.  
 61. georgianus Csy. 97-621 Ga.  
 62. piceus (Lec.) 50-79 Vt. No. Atl. St.  
 Pa. Fla. Conn.  
 63. iowensis Csy. 97-622 Ia.  
 64. granicollis Csy. 97-622 N.Y. L. I.

**Pilopius** Csy.

6365. floridanus Csy. 97-623 Fla.  
 66. zimmermanni (Lec.) 50-79 La. Ga. Fla.  
 Ind.  
 67. consobrinus (Lec.) 50-79 Ga. E. of Miss.  
 N.J. Va.  
 68. cinderella Csy. 97-624 Tex.  
 69. impressipennis Csy. 97-624 Tex.  
 70. pulvereus (Lec.) 51-214 Pa. Cal. ? Ariz.

**Pilopius** Csy.

- ?(*Sognorus* Reitt. 82-202)  
 6371. ocularis (Csy.) 93-502 Ariz.  
 72. abruptus (Csy.) 93-502 Ariz.

**Ctenisis** Raffr. 90-143

- (*Desmia* ‡ Reitt. 82-202)  
 6373. raffrayi Csy. 93-503 Ariz.  
 dispar || Raffr. 96-272 So. Cal.

## TYRINI

**Ceophyllus** Lec. 50-73

6374. monilis Lec. 50-73 E. U.S., O. Ill.  
 Ind. Mich.

**Cedius** Lec. 50-75

6375. zieglerei Lec. 50-75 O. Mo. Ia. Pa.  
 76. robustus Csy. 97-626 D.C. [Ind.  
 77. spinosus Lec. 50-74 Pa. S.C. Ind.

**Tmesiphorus** Lec. 50-75

6378. carinatus (Say) 24-97 Ala. Pa. Ga.  
 Ind. Kan. O.  
 Mo. Fla.  
 79. costalis Lec. 50-77 Mo.-Pa. Fla.  
 a. rostratus Schauf. 87-296 [Ind.

**Tyrus** Aubé 33-15

- (*Pytna* Csy. 87-457)  
 (*Pseudotyrus* Raffr. 90-146)

**Tyrus** Aubé

6380. carinifer Csy. 97-627 Ut.  
 81. corticinus (Csy.) 87-458 Cal.  
 82. humeralis (Aubé) 44-93 Can.-Tenn.  
 N.C. Fla.  
 L. Sup. Ind.  
 Man.  
 compar Lec. 50-80 Ga. S.C. Mo.  
 83. semiruber Csy. 97-629 L. Sup.  
 84. consimilis Csy. 97-629 Ky. Ind.

**Cercocerus** Lec. 61-57

- (*Hamotus* Bndl. nec Aubé)  
 (*Upoluna* Schauf. 86-283)  
 6385. batrisoides Lec. 63-27 Pa. La. Ind.  
 flavitarsis Schauf. 86-283  
 elongatus (Bndl. ?) 90-239 Ariz.

## CLAVIGERIDÆ

**Fustiger** Bndl. 66-189

- (*Commatoecerus* Raffr. 82-1)  
 (*Commatoecerus* Wasm. 97-260)  
 (*Articerus* ‡ Dalman 25-398)  
 6386. fuchsi Bndl. 66-190 Tenn. Ariz.  
 a. californicus Bndl. 89-197 So. Cal. [Ind.  
 87. knausi Schfr. 06-264 N. Mex.

**Adranes** Lec. 50-83

6388. cœcus Lec. 50-83 Pa. Ga. Ill.  
 89. lecontei Bndl. 65-255 Miss. Ind.  
 90. taylori Wickh. 01-27 Or. Vanc.  
 91. pacificus Wickh. 01-26 Cal.  
 92. dietzi Schfr. 06-265 Cal.

## PTILIIDÆ

## TRICHOPTERYGIDÆ

Matthews 84; Casey 84, 85, 86; Flach 89; Csiki 11

## PTILIINÆ

## PTILIINI

**Nossidium** Er. 45-17

6393. americanum Mots. 68-191 U.S. Ind. Ga.  
 94. posthumum Matth. 74-298 U.S. [Fla.  
 95. amicum Mots. 68-192 U.S.

**Nanosella** Mots. 68-172

6396. fungi Lec. 63-62 U.S. O. Ala.  
 97. atrocephala Dury 16-140 O.

**Actidium** Matth. 68-12

6398. politum Matth. 77-168 Cal.  
 99. crotchianum Matth. 77-168 B.C.  
 6400. robustulum Csy. 85-324 Cal.  
 01. granulosum Csy. 85-324 Cal.  
 02. attenuatum Csy. 85-325 Cal.  
 03. rotundicollis Csy. 86-248 Tex.

**Motschulskium** Matth. 72-72

6404. sinuatocollis Matth. 72-74 Cal. So. Cal.

**Micridium** Mots. 69-188

6405. lineatum (Lec.) 63-63 Ala. La.

**Ptilium** Er. 45-26

6406. sharpi Matth. 72-101 Vanc.  
 07. columbianum Matth. 77-169 B.C. Cal.  
 08. humile Matth. 77-170 Cal.  
 09. obscurum Matth. 77-171 B.C.  
 10. hornianum Matth. 84-143 Tex.  
 11. fungicola Csy. 84-162 Pa.  
 12. truncatum Csy. 84-163 Pa.  
 13. sulcatum Csy. 86-248 Tex.  
 14. solidum (Mots.) 68-183 N. Am.

**Ptenidium** Er. 45-34

6415. ulkei Matth. 84-151 D.C.  
 16. speculifer Matth. 84-151 Mass.

**Ptenidium** Er.

6417. pusillum Gyll. 08-189 Eur. & N.Am.  
Ind. Pa.Colo.  
Mich. Can.  
evanescens (Marsh.) 02-126  
apicale Er. 45-36 Md.  
terminale Hald. 49-109 N.Am.  
18. ?atomaroides Mots. 68-191 Fla.  
19. pullum Mäkl. 52-340 Alas. So.Cal.  
20. mannerheimi Matth. 72-83 U.S.  
21. foveicollis Lec. 63-63 La. Fla.  
22. glabratum Mots. 68-191 N.Y.

**Ptenidium** Er.

6423. caseyanum Matth. 89-194 Cal.  
— macrocephalum Nictn. 56-381 India, N.Am. ?

**Ptiliola** Hald. 49-109

- (*Ptiliolium* Flach 88-291)  
6424. collani Mann. 53-200 N.Am.  
bollani err. typ.  
canadense Lec. 63-62 Can. L.Sup.  
25. posticum Mots. 68-186 N.Am.

## ACRATRICHINI

**Pteryx** Matth. 58-6017

6426. brunnea (Lec.) 63-62 Ga. L.Sup.  
27. balteata (Lec.) 63-62 Ga.  
dimidiata Mots. 68-183  
28. duvali Matth. 72-164 U.S.  
29. perforata Mots. 68-182 N.Am.

**Ptinellodes** Matth. 72-150

6430. lecontei G. & H. 68-746 U.S. Fla.  
testacea ‡ Lec. 63-62 Ga. L.Sup.

**Acratrachis** Mots. 50-236

- (*Trichopteryx* || Kby. 19-40)  
6431. aubei Matth. 72-117 D.C. & S Am.  
32. mœrens Matth. 74-298 U.S. Ind.  
33. aspera Hald. 49-109 U.S. N.Y.  
34. parallela Mots. 68-176 D.C.  
35. longipennis Csy. 84-166 Pa.  
36. vicina Matth. 77-172 B.C. & C.Am.  
37. castanca Matth. 77-173 B.C.  
38. scricans Heer 41-375 Eur. & N.Am.  
Can.  
ambigua Matth. 65-177 U.S. N.Y.  
39. californica Matth. 77-174 Cal.  
40. horni Matth. 72-176 Ariz.  
41. xanthocera Matth. 77-174 B.C.  
42. parallelopipeda Matth. 77-175 B.C.  
43. diffinis Matth. 72-132 U.S.  
44. josephi Matth. 72-132 Vanc.  
45. fascicularis Hbst. 93-8 U.S. & Eur.  
46. subnitida Mots. 68-180 N.Am.  
47. suffocata Halid. 55-123 Eur. & Alas.  
?atrata Mots. 45-530  
48. cognata Matth. 77-176 B.C.  
49. abrupta Hald. 49-108 N.Am.  
50. henrici Matth. 72-135 Vanc.  
51. sitkaensis (Mots.) 45-526 Alas.  
insularis Mäkl. 52-339 Alas.  
52. crassicolis Mäkl. 66-144 U.S. La.  
53. laticollis Mäkl. 52-339 So.Cal. Alas.

**Acratrachis** Mots.

6454. atomaria (DeG.) 74-218 U.S. Eur. &  
N.Am.  
55. discolor Hald. 49-108 U.S. N. & So.  
56. fungina Csy. 84-164 Pa. [Am.  
57. dohrni Matth. 72-144 U.S.  
fuscipennis ‡ Hald. 49-108 N.Am. N.Y.  
58. glabricollis Matth. 66-143 U.S. N.Y.  
59. haldemani Lec. 63-29 U.S. Ind.  
rotundata ‡ Hald. 49-109 N.Y.  
quadrangula Mots. 68-173  
60. schaumii Matth. 66-143 La.  
61. radicola Csy. 84-163 Dcl.  
62. crotchii Matth. 65-248 Cosmop.  
63. grossa Mots. 68-170 C.Am. N.Am.  
64. tesseraula Matth. 89-193 Cal.  
65. nanula Mots. 68-175 N.Y.  
(*Ctenopteryx* Flach 89-517)  
66. montandoni Allib. 44-52 Eur. & N.Am.  
67. grandicollis Mann. 44-181 Eur. & N.Am.

**Smicrus** Matth. 72-110

6468. filicornis (Fairm.) 54-338 U.S. So.Am.  
Ind. So.Cal.  
69. americanus Csy. 86-249 Tex. [Mich.

**Ptinella** Mots. 45-505

6470. quercus (Lec.) 63-63 ♂ Ga. Ind. L.Sup.  
nigrovittis Lec. 63-63 ♀ La. Fla.  
pallidula Mots. 68-184  
71. pini (Lec.) 63-63 ♂ Ga. Fla.

**Nephanes** Thoms. 59-62

6472. læviusculus Matth. 66-148 La. Fla.  
castanopterus (Mots.) 68-183  
gibbula (Mots.) 68-183  
73. flaviventris (Mots.) 68-183 C.Am. N.Y.

**Actinopteryx** Matth. 72-59

6474. fucicola Allib. 44-52 France N.Am.  
Fla. Va.

## LIMULODINÆ

**Limulodes** Matth. 67-409

6475. paradoxus Matth. 67-409 U.S. Ind. Fla.  
Ariz. N.Y. D.C.

## SPHÆRIIDÆ

Matthews 99

**Sphærius** Waltl 38-272

- (*Microsporus* Kol. 46-64)  
6476. scutellaris (Lec.) 78-599 N.Am.  
a. piceus Csy. 00-67 N.Y. O.

**Sphærius** Waltl

- b. lucidus Csy. 00-67 Wash.  
6477. texanus Matth. 99-213 Tex.  
78. politus Horn 68-132 So.Cal.



## SCAPHIDIIDÆ

Reitter 80; Casey 93, 00; Csiki 10

## SCAPHIDIINI

- |                                   |               |                            |               |
|-----------------------------------|---------------|----------------------------|---------------|
| <b>Scaphium</b> Kby. 37-108       |               | <b>Scaphidium</b> Oliv.    |               |
| 6479. castanipes Kby. 37-109      | L.Sup.        | c. obliteratum Lec. 60-332 | Ind. R.I.     |
|                                   |               | d. piceum Melsh. 46-103    | Ia. Ind. R.I. |
|                                   |               | amplum Csy. 00-56          | Ind.          |
| <b>Scaphidium</b> Oliv. 90-1      |               |                            |               |
| 6480. antennatum Reit. 80-37      | Tex.?         |                            |               |
| 81. ornatum Csy. 00-56            | Colo.?        | <b>Cyparium</b> Er. 45-3   |               |
| 82. quadriguttatum Say 23-198     | N.J.-Kan.     | 6483. ater Csy. 00-56      | Tex.          |
| a. quadrinotatum Cast. 51-19      | [Conn. L.Sup. | 84. flavipes Lec. 60-322   | O. N.C. Fla.  |
| b. quadripustulatum    Say 23-198 |               | substriatum Reit. 80-42    | Ala.          |

## SCAPHISOMINI

- |                                    |                    |                                 |                  |
|------------------------------------|--------------------|---------------------------------|------------------|
| <b>Scaphisoma</b> Leach 15-89      |                    | <b>Scaphisoma</b> Leach         |                  |
| 6485. apicale Horn 73-363          | Cal.               | 6509. lacustris Csy. 00-59      | L.Sup.           |
| 86. arkansanum Csy. 93-524         | Ark.               | 10. nugator Csy. 00-59          | Ia.              |
| 87. carolinæ Csy. 93-524           | N.C.               | 11. pusillum (Lec.) 60-323      | Ia. N.C. R.I.    |
| 88. castaneum Mots. 45-361         | So. Cal. B. C. Id. |                                 | L. Sup. Fla.     |
|                                    | Ut.                | dimidiatum Csy. 00-59           | R. I. [Ariz.     |
| 89. convexum Say 25-183            | Mich. Fla.         |                                 |                  |
|                                    | Ind. Atl.-Mo.      | <b>Bæocera</b> Er. 45-4         |                  |
| 90. desertorum Csy. 93-524         | Ariz. Tex.         | 6512. abdominalis Csy. 00-58    | Mass.            |
| 91. evanescens Csy. 93-524         | Ia. Tex.           | 13. apicalis Lec. 60-323        | R. I. Mich. Ind. |
| 92. ornatum Fall 10-117            | Ala.               |                                 | Pa.              |
| 93. carolinæ Dury 11-275           | N.C.               | 14. punctipennis Blatch. 10-494 | Ind.             |
| 94. impunctatum Reit. 80-46        | Mo.                | 15. concolor (Fab.) 01-576      | Ind. Pa. Ill.    |
| repandum Csy. 93-523               | Ia. Mo. Mass.      |                                 | D. C.            |
| 95. inconspicuum Csy. 93-524       | Fla.               | 16. congener Csy. 93-515        | Ind. L. I. N. C. |
| 96. læve Reit. 80-47               | N. Am.             |                                 | Ia.              |
| 97. obesulum Csy. 93-524           | Fla.               | 17. deflexa Csy. 93-515         | Ind. R. I. Va.   |
| 98. peninsulare Horn 73-363        | Cal.               | 18. discolor Csy. 00-58         | Mich.            |
| 99. punctulatum Lec. 60-323        | Ind. Ga. Fla.      | 19. nana Csy. 93-516            | R. I. Mich. Tex. |
| 6500. dakotanum Fall 10-116        | N. Dak.            | 20. pallida Csy. 00-58          | Pa.              |
| 01. semiopacum Fall 10-117         | Tex.               | 21. picea Csy. 93-516           | Ind. Pa. Mich.   |
| 02. rubens Csy. 93-524             | Mass. L. I.        | 22. robustula Csy. 93-515       | Tex.             |
| 03. rufulum Lec. 60-323            | Ariz. So. Cal.     | 23. rubriventris Csy. 00-58     | R. I.            |
| 04. suturale Lec. 60-323           | Ind. Mo. N. C.     | 24. speculifer Csy. 93-515      | Ia.              |
|                                    | Conn. L. Sup.      | 25. texana Csy. 93-516          | Tex.             |
| 05. distinctum Blatch. 10-496      | Ind.               | 26. humeralis Fall 10-116       | Wash. Ariz.      |
| 06. terminatum Melsh. 46-104       | Ind. N. Y. Fla.    |                                 |                  |
|                                    | L. Sup.            | <b>Toxidium</b> Lec. 60-324     |                  |
| ( <i>Scaphiomicrus</i> Csy. 00-58) |                    | 6527. compressum Zimm. 69-251   | Ind. Kan. Fla.   |
| 07. exiguum Csy. 00-59             | Or.                |                                 | Neb.             |
| 08. flavescens Csy. 00-59          | Mich.              | 28. gammaroides Lec. 60-324     | N. & C. Am.      |
|                                    |                    |                                 | R. I. N. Y. Fla. |

## SPHÆRITIDÆ

- |                               |                |
|-------------------------------|----------------|
| <b>Sphærites</b> Duft. 05-205 |                |
| 6529. glabratus (Fab.) 92-73  | No. Eur. Alas. |
| politus Mann. 46-514          | [Cal.          |

## HISTERIDÆ

Paykull 11; Leconte 45, 59; Marseul 53, 62; Horn 73; Casey 93, 16; Bickhardt 10; Carnochan 17

## HOLOLEPTINÆ

Carnochan 17

- |                                   |             |                         |                |
|-----------------------------------|-------------|-------------------------|----------------|
| <b>Hololepta</b> Payk. 11-101     |             | <b>Hololepta</b> Payk.  |                |
| ( <i>Hololepta</i> Payk. s. str.) |             | fossularis Say 25-47 ♂  | Fla. Tex. La.  |
| 6530. æqualis Say 25-47 ♀         | N. Y. Mich. |                         | Man. Ind.      |
|                                   | Kan.        | 6531. lucida Lec. 45-37 | N. Y. Ind. Va. |

**Hololepta** Payk.

6532. *populnea* Lec. 51-163 Ut.-So. Cal.  
*bractea* || Mars. 53-157 (nec Er.) [Ariz.  
 a. *punctata* Carn. 17-382 Ariz.  
 — *excisa* Mars. 53-149 Mex. & U.S.?  
 — *bractea* Er. 34-91 S.Am.&U.S.?  
 — *complanata* (Beauv.) 05-179 W.I. & U.S.?  
 (*Leionota* Dej. 37-144)  
 (*Lionota* Mars. 53-196)  
 (*Lioderma* Mars. 57-469)  
 33. *princeps* Lec. 59-310 Cal.  
 34. *yucateca* Mars. 53-203 ♂ Tex.-So. Cal.  
*grandis* Mars. 53-204 ♀ [Ariz.  
 35. *pervalida* Blaisd. 92-337 So. Cal.  
 36. *vernici* Csy. 93-534 Ariz.  
 37. *sirpus* Carn. 17-389 Ariz.  
 38. *quadridentata* (Fab.) 92-74 So. Am. Mex.

**Hololepta** Payk.

- platysma* Er. 34-95  
*flagellata* Kby. 18-395  
 a. *floridæ* Carn. 17-391 Fla.  
 b. *minor* Carn. 17-392 Fla.  
 c. *striatifera* Carn. 17-392 Fla.  
 6539. *decimstriata* Carn. 17-393 Fla.  
 40. *bifoveolata* Carn. 17-393 Fla.  
 41. *interrupta* Mars. 53-214 Cuba, Fla.  
 42. *vicina* Lec. 51-163 Wash.-So. Cal.  
 a. *californica* Carn. 17-395 Cal. [Ariz.  
 b. *neglecta* Blaisd. 92-338 So. Cal.  
 43. *caseyi* Carn. 17-396 Ariz.

**Iliotona** Carn. 17-396

6544. *cacti* (Lec.) 51-162 Mex. Tex.  
 [Ariz. So. Cal.  
 45. *beyeri* Schffr. 07-302 L. Cal.

**HISTRINÆ****Hister** L. 67-566

- (*Spilodiscus* Lew. 06-343)  
 6546. *arcuatus* Say 25-34 Atl. Coast.  
 47. *sellatus* Lec. 57-35 Cal.  
*sennevillei* Mars. 57-422  
 48. *semiruber* Csy. 93-539 Ut.  
 49. *subcruentus* Csy. 16-208 N. Mex.  
 50. *solaris* Carn. 15-144 Wash. Or. Wy.  
 Nev.  
 51. *ulkei* Horn 70-134 N. Mex. Wy.  
 Ariz.  
*arizonæ* Horn 70-135 Ariz.  
 52. *coruscans* Csy. 16-210 Kan.  
 53. *sculpticauda* Csy. 93-540 N. Mex.  
 54. *biplagiatus* Lec. 45-25 Conn.-Kan.  
 Ind.  
 a. *instratus* Lec. 59-7 Kan. Ariz.  
 55. *iowensis* Csy. 16-211 Ia.  
 56. *militaris* Horn 70-135 Ariz. So. Cal.  
 57. *quadratus* Csy. 16-212 N. Mex.  
 58. *bilobatus* Csy. 16-291 N. Mex.  
 59. *sarcinatus* Lew. 98-169 Ariz.  
 60. *tunicatus* Lew. 98-170 Colo.  
 61. *oregonus* Csy. 93-549 Or.  
 a. *simplicipes* Fall 01-235 So. Cal.  
 62. *electus* Csy. 93-548 Wash.  
 63. *gloveri* Horn 70-134 Kan. Okla.  
 64. *lucanus* Horn 73-283 L. Cal. So. Cal.  
 (*Hister* s. str.)  
 \*  
 65. *lævipes* Germ. 24-87 Pa.-Ga. Fla.  
 \*\*  
 66. *maritimus* Csy. 16-214 Cal.  
 67. *sexstriatus* Lec. 51-163 Cal.  
 68. *jacobianus* Csy. 16-215 Cal.  
 \*\*\*  
 69. *harrisi* Kby. 37-124 Conn.-Ga. Ind.  
 70. *stygius* Lec. 45-48 Ga. Ind.  
 71. *interruptus* Beauv. 05-180 Conn. Mich.  
 72. *obtusatus* Harris 37-76 Mass.-Va.  
*virginiae* Csy. 93-541 Va.  
 73. *immunis* Er. 34-143 Ind. M. St.  
 74. *memnonius* Say 25-32 Pa. Mass. [Cal.?  
 Mich. Ind.  
*?merdarius* Hoffm. 03-37 Eur. & M. St.  
 75. *egregius* Csy. 16-288 Conn. Mich.  
 76. *fidelis* Csy. 16-289 Or.

**Hister** L.

6577. *planifrons* Lew. 08-149 Vanc.  
 78. *fractifrons* Csy. 93-543 Cal. Or.  
 79. *pluto* Csy. 93-542 Or.  
 80. *oblitus* Csy. 16-216 Kan.  
 81. *mormon* Csy. 93-543 Ut.  
 82. *felipæ* Lew. 01-373 Ia.  
 83. *rectus* Csy. 16-215 Kan.  
 \*\*\*\*  
 84. *umbilicatus* Csy. 93-545 Cal.  
 85. *umbratilis* Csy. 16-217 Cal.  
 86. *foedatus* Lec. 45-50 Ind. Can.-Ga.-  
 Tex. [Or.  
 87. *texasensis* Csy. 16-217 N. Y.  
 88. *hudsonicus* Csy. 93-546 Or.  
 89. *umbrosus* Csy. 93-547 N. Y.  
 90. *unicus* Csy. 93-547 M. St. Ind.  
 91. *marginicollis* Lec. 45-58 M. St. Can. Ill.  
 92. *cognatus* Lec. 45-58 Cal. Or. [Wis.  
 93. *remotus* Lec. 59-70  
 \*\*\*\*\*  
 94. *cœnosus* Er. 34-154 Gulf St. Fla.  
*decisus* Lec. 45-51  
*?repletus* Lec. 45-49  
 95. *punctifer* Payk. 11-25 M. St. Brazil.  
*?thoracicus* Payk. 11-20 N. Am. ? Spain.  
 96. *abbreviatus* Fab. 75-53 Ind. M. St.-Ga.  
*subhemisphæricus* Beauv. 05-180 Fla. Kan.  
*bifidus* Say 25-34  
*crenicollis* Flach 86-245  
 97. *civilis* Lec. 45-55 M. St. Ill. Ind.  
 \*  
 98. *semisculptus* Lec. 63-60 Ill.  
 99. *dispar* Lec. 45-57 M. St. Ga. Ill.  
*hospitus* Lec. 59-312 [Kan.  
 6600. *puncticollis* Schffr. 12-26 W. Va.  
 01. *furtivus* Lec. 59-313 Can.-Ga. Ind.  
 02. *incertus* Mars. 54-269 Ind. M. St. Fla.  
 Tex. Kan.  
 03. *nitens* Csy. 16-286 Ala. La.  
 04. *rotundus* Csy. 16-286 Tex.  
 a. *subinteger* Csy. 16-286 Tex.  
 05. *orbiculus* Csy. 16-287 Ala.  
 a. *fretus* Csy. 16-287 Miss.  
 06. *depurator* Say 25-33 Can.-Ga. Fla.  
*paykulli* Kby. 37-123 [Ind. Ariz.  
*spretus* Lec. 45-53  
 07. *osculatus* Blatch. 10-607 Ind.  
 08. *perbrevis* Csy. 16-220 Mich.

**Hister L.**

6609. *circinans* Csy. 16-220 R.I. Pa.  
 10. *humilis* Fall 10-120 Ariz.  
 11. *lacustris* Csy. 16-221 Mich.  
 12. *curtatus* Lec. 45-54 Pa. Ill. Mich.  
     ?*haldemani* Mars. 60-547

\*\*\*\*\*

13. *defectus* Lec. 59-312 Ga. S.C. Fla.  
     *permixtus* Zimm. 69-252  
 14. *nanulus* Csy. 16-224 Fla.  
 15. *fungicola* Schffr. 12-27 N.J. N.C.  
 16. *carinifrons* Schffr. 12-26 Fla.  
 17. *indistinctus* Say 25-35 N.C.Ga. Fla.  
 18. *servus* Er. 34-147 Ariz. Ind. W.I. Fla.  
 19. *densicauda* Csy. 16-222 ?Sp. Atl. St.  
 20. *cribricauda* Csy. 16-222 Kan.  
 21. *temporalis* Fall 10-120 Ariz.  
 —  
 22. *ednæ* Carn. 15-144 N.C.

\*\*\*\*\*

(Peranus Lew. 06-401)

(Atholister Reit. 09-286)

23. *bimaculatus* L. 58-358 Eur. & N. Am.  
     *obliquus* Say 25-37 So. Cal.  
     M. St. Ind.

\*\*\*\*\*

(Atholus Thoms. 62-228, pars.)

24. *sedecimstriatus* Say 25-36 M. St. Can. Ind.  
 25. *davisi* Schffr. 08-318 N.J.  
 26. *ambigena* Lec. 59-313 Vt.  
 27. *americanus* Payk. 11-31 Can. Ga. Kan.  
     Ind. Fla.  
     a. *perplexus* Lec. 63-61 Ind. Can.  
     M. St. Wis. Fla.  
     b. *exaratus* Lec. 45-59 Ga. Ind.  
 28. *gagates* Fall 10-121 Cal. Wash.  
 29. *diffRACTUS* Csy. 16-225 Kan.  
 30. *biabbreviatus* Csy. 16-225 N.Y.  
 31. *nubilus* Lec. 59-7 Kan. Ind.  
 32. *pollutus* Lec. 59-7 Kan. Ind.  
 33. *abducens* Csy. 16-226 Tex.  
 34. *vestigialis* Csy. 16-227 Tex.  
 35. *levicauda* Csy. 16-227 Kan.  
     a. *fluvialis* Csy. 16-228 Mo. Miss.  
 36. *relictus* Mars. 70-89 N. Am.  
     ?*corvinus* Zimm. 69-252 S.C.  
 — *bisquinqwestriatus* Germ. 13-120 N. Am.  
 — *californicus* Mars. 54-544 Cal.  
 — *sinuosus* Lew. 00-231 N. Am.  
 — *tornatus* Lec. 80-190 N. Am. Fla.

**Teretriosoma** Horn 73-347

6637. *americanum* (Lec.) 59-316 M. St. Ind. Fla.  
     *dissonans* Mars. 62-676  
     *picipes* ‡ Lec. 45-79  
 38. *chalybæum* Horn 73-347 Tex.  
 39. *facetum* Lew. 79-61 Can.  
 40. *horni* Lew. 89-397 N. Am. Fla.  
 41. *latirostre* Lew. 99-28 N. Am. (U.S.?)  
 42. *montanum* (Horn) 80-143 Colo.  
 43. *pinguis* Csy. 16-276 Tex.  
 44. *sexuale* Schffr. 05-203 Tex.

**Teretrius** Er. 34-201

6645. *cylindrellus* Csy. 16-277 Cal.  
 46. *latebricola* Lew. 01-382 N. Am. (U.S.?)

**Teretrius** Er.

6647. *levatus* Horn 94-365 Cal. Tex. Ariz.  
 48. *minutus* Csy. 16-278 No. Atl. St.?  
 49. *obliquus* Lec. 57-36 Cal.  
 50. *placitus* Horn 80-143 Nev. So. Cal.

**Platysoma** Leach 17-77

6651. *carolinum* (Payk.) 11-45 Ind. M. St.-  
     N. Mex. Fla.  
     [Conn.]  
     *sordidum* Say 25-44  
     *cinnamomeum* White 46-8  
 52. *aurelianum* Horn 73-279 La. Ind. Fla.  
 53. *depressum* Lec. 45-40 Ind. Atl. St.  
     Mich. So. Cal.  
     *lecontei* Mars. 53-273  
 54. *pinorum* Csy. 16-202 N.C.  
 55. *tabellum* Csy. 93-551 Cal.  
 56. *æquum* Lec. 63-61 Ga. Ind.  
     *frontale* || Say 25-43  
 57. *basale* Lec. 61-343 Mich. O. Ind.  
     (*Cylistosoma* Lew. 05-302)  
 58. *parallelum* Say 25-42 Ga. S.C. Fla.  
     *heydeni* Flach 86-245 [Mich.]  
     *quadrifera* Csy. 16-202 N.C. Ala.  
 59. *coarctatum* Lec. 45-41 Ind. Can.-Fla.  
 60. *punctigerum* Lec. 61-343 Cal. Ariz.

**Cylistix** Mars. 57-474

6661. *cylindrica* (Payk.) 11-91 Mass.-Tex.  
     Fla. Mich.  
     N.C. Ga. Fla.  
 62. *attenuata* Lec. 45-42  
     *elongata* Beauv. 07-178  
 63. *gracilis* Lec. 45-41 M. St. Ind.

**Phelister** Mars. 53-462

6664. *sayi* Carn. 15-213 Ala.  
 65. *simplex* Csy. 16-230 Tex.  
 66. *subrotundus* Say 25-39 Can.-Tex. Fla.  
     a. *frosti* Carn. 15-213 N.Y. [Ind.]  
     b. *rubricatus* Lew. 08-158 Wis. Ia.  
 67. *contractus* Csy. 16-231 Tex.  
 68. *geometricus* Csy. 93-550 Tex.  
 69. *atrolucens* Csy. 16-232 Tex.  
 70. *mobilenis* Csy. 16-232 Ala. Fla.  
 71. *pimalis* Csy. 16-233 Ariz.  
 72. *brevistriatus* Csy. 16-233 Ariz.  
 73. *vernus* (Say) 25-40 Fla. L.I.-Tex.  
 74. *saunicri* Mars. 61-162 N.Y. [Ind.]  
 75. *venustus* (Lec.) 51-163 N.C. Ga. La.  
 76. *æneomicans* Horn 73-295 D.C. [Tex.]  
 77. *chalybæus* Csy. 16-234 La.  
 78. *hospes* Lew. 02-236 N.Y.  
 79. *conquisitus* Lew. 02-235 N.Y.  
 80. *carnochani* Csy. 16-291 Ala.

\*

81. *gentilis* Horn 83-285 Ariz.

**Omalodes** Er. 34-114

6682. *grossus* Mars. 53-522 Ariz.  
     *texanus* Mars. 53-523  
     *lubricans* Csy. 93-535  
 83. *vitreolucens* Csy. 93-536 Fla.  
     ?*klugi* Mars. 61-182 Cuba.

**Psiloscelis** Mars. 53-539

6684. *harrisi* Lec. 45-14 Mass.-Ga.  
     *planipes* Lec. 52-39 [Man.]  
 85. *incurva* Csy. 16-203 N.Y.  
 86. *blanchardi* Csy. 16-205 Mass.



**Psiloscelis** Mars.

6687. *perpunctata* Lee. 80-190  
 88. *subopaca* Lee. 63-60  
 89. *millepora* Csy. 16-204  
 90. *corrosa* Csy. 93-537

Mass.  
 Neb. Vane.  
 Wy.  
 Wy.

**Margarinotus** Mars. 53-549

6691. *guttifer* Horn 62-187

Neb.-Tex.

**Epierus** Er. 34-158

6692. *regularis* Beauv. 07-180  
*nigrellus* Say 25-38  
 a. *vicinus* Lee. 51-164  
 93. *novellus* Zimm. 69-253  
 94. *floridanus* Csy. 16-238  
 95. *oblongus* Csy. 16-237  
 96. *pulicarius* Er. 34-162  
*minor* Lee. 45-73  
 97. *ovalis* Csy. 16-240  
 98. *ellipticus* Lee. 59-313  
 99. *wickhami* Lew. 98-172  
 6700. *planulus* Er. 54-162  
*decepiens* Lee. 51-164  
*nasutus* Horn 73-301 ♂  
 01. *cornutus* Csy. 93-552  
 02. *subtropicus* Csy. 93-553  
*?brunnipennis* Mars. 54-697

Fla. Ga.-So.  
 [Cal. Ind. Ariz.  
 Ariz.  
 N.C.  
 Fla.  
 Fla.  
 Fla. Ga. Tex.  
 [Ind.  
 Miss.  
 So. St.  
 Ind.  
 Venezuela.  
 So. Cal.  
 So. Cal. Ariz.  
 N. Mex.  
 Fla.  
 So. Am.

(*Pseudepierus* Csy. 16-240)

03. *duplicatus* Csy. 16-239  
*obesulus* Csy. 16-239

La.  
 Kan.

**Xestipyge** Mars. 62-6

6704. *conjunctum* (Say) 25-38  
 05. *geminatum* (Lee.) 59-314  
*eurax* Mars. 70-93  
 — *?radulum* Mars. 61-6

Gulf St. Va.  
 [Fla.  
 M. St. Ill. Ind.  
 Caffraria, Cal.?

**Stictostix** Mars. 70-93

6706. *californica* (Horn) 70-138  
 07. *mormoni* Lew. 97-360

Cal.  
 N. Am.

**Carcinops** Mars. 55-83

6708. *gilensis* Lee. 51-164  
 09. *uteana* Csy. 16-242  
 10. *sobrina* Csy. 16-243  
 11. *consors* Lee. 51-164  
 12. *papagoana* Csy. 93-554  
 13. *nigra* Csy. 16-242  
 14. *quatuordecimstriata* Steph.  
*pumilio* Er. 34-169  
*nana* Lee. 45-61  
 15. *corticalis* Lee. 51-163  
*?tenellus* Er. 34-170  
 16. *lauta* Zimm. 69-253  
 17. *viridicollis* Mars. 55-96  
*mimetica* Horn 73-308  
 18. *tejonica* Horn 73-309  
 19. *tenuistriata* Lew. 98-172

Ariz. So. Cal.  
 Ut.  
 So. Cal.  
 Tex.-Cal. Ariz.  
 Ariz.  
 Ariz.  
 32-412  
 Cosmop.  
 R. I. Fla. Cal.  
 [Ind.  
 So. Cal. Ariz.  
 U. S. Colum.  
 N. C.  
 Mex. L. Cal.  
 Ariz.  
 Cal.  
 So. Tex.

(*Carcinopsida* Csy. 16-244)

20. *opuntiae* Lee. 51-164  
 21. *bisculpta* Csy. 16-243  
 22. *perlata* Csy. 16-244

Cal. Ariz.  
 Ariz.  
 Tex.

**Paromalus** Er. 34-167

6723. *æqualis* Say 25-41  
*affinis* Lee. 45-66  
*estriatus* Lee. 59-314

Ind. Can. Ga.  
 [La. Fla.

**Isolomalus** Lew. 07-316

6724. *bistriatus* Er. 34-171  
 25. *teres* Lee. 78-609  
 26. *debilis* Lee. 79-515  
 27. *maneus* Csy. 93-556  
 28. *seminulum* Er. 34-171

29. *ovulatus* Csy. 16-246  
 30. *difficilis* Horn 74-21  
 31. *complexus* Csy. 93-557

Ind. Kan. Atl.  
 St. M. St.  
 Mich. Nfld.  
 Colo.  
 No. Cal.-B. C.  
 Atl. St. M. St.  
 Fla. Ind. Tex.  
 Ky.  
 Cal.  
 Ala. La. Fla.

**Dendrophilus** Leach 17-76

6732. *punctulatus* Say 25-45  
 33. *californicus* (Horn) 92-46

M. St. Ind.  
 Cal. [Man.

**Cærosternus** Lee. 52-39

(*Tribalus* auct. nec Er.)

6734. *americanus* (Lee.) 45-64

Md. Tex. Ill.

**Tribalister** Horn 73-299

6735. *marginellus* (Lee.) 59-311  
*striatellus* Fall 17-165

Md. (So. Cal.?)  
 R. I.

**Echinodes** Zimm. 69-253

6736. *decepiens* Horn 83-286  
 37. *setiger* (Lee.) 59-316

Ariz.  
 S. C. Ga.

**Ulkeus** Horn 85-143

6738. *intricatus* Horn 85-143

Kan. Tex.

**Hetærius** Er. 34-156

6739. *helenæ* Mann 14-178  
 40. *morsus* Lee. 59-70  
 41. *tristriatus* Horn 74-21  
 a. *loripes* Csy. 16-236  
 42. *zelus* Fall 17-165  
 43. *strenuus* Fall 17-167  
 44. *horni* Wickh. 92-322  
 45. *brunneipennis* Rand. 39-40  
 46. *blanchardi* Lee. 78-609  
*carinistriatus* Lewis 13-85  
 47. *minimus* Fall 07-68  
 48. *exiguus* Mann 11-108  
 49. *californicus* Horn 70-137  
 50. *wheeleri* Mann 11-30

Mex. Ariz.  
 Cal. Colo.  
 Cal. [Mont.  
 Cal.  
 So. Cal.  
 So. Cal.  
 Wy. Mont.  
 Conn. Ill. Ind.  
 Mass. Conn.  
 Conn.  
 Colo. N. Mex.  
 Wash. Id.  
 Cal. [N. Mex.  
 Cal.

**Terapus** Mars. 62-980

(*Melanotærius* Fall 07-69)

6751. *infernalis* Fall 07-69  
*?mniszeehi* Mars. 62-982

Cal.  
 Mex.

**Peploglyptus** Lee. 80-189

6752. *belfragei* Lee. 80-189

Tex.

**Onthophilus** Leach 17-76

6753. *leeontei* Horn 70-138  
 54. *soltaui* Csy. 93-557  
 55. *alternatus* Say 25-46  
 a. *nodatus* Lee. 45-53  
 b. *pluricostatus* Lee. 45-51

Cal.  
 Colo.  
 Mass.-Ga. Fla.

**Plegaderus** Er. 34-203

6756. *sayi* Mars. 56-269

M. St. Ind.  
 Mich.

57. *consors* Horn 73-350

Colo. Ariz.  
 So. Cal.

58. *fraternus* Horn 70-141

Nev. Cal. Ariz.

59. *cgenus* Csy. 16-279

Cal.

60. *rigidus* Csy. 93-576

Ut.

**Plegaderus** Er.

6761. *cribratus* Csy. 93-577 Colo.  
 62. *convergens* Csy. 16-280 Colo.  
 63. *sulcatus* Csy. 16-282 Colo.  
 64. *modestus* Csy. 93-577 Cal.  
 65. *transversus* Say 25-38 Ind.Can.Fla.  
 Tex.N.C.Ariz.  
 66. *nitidus* Horn 70-141 Nev.Or.Cal.  
 Id.  
 67. *obscurus* Csy. 16-279 N.Mex. Neb.  
 68. *pusillus* Lec. 45-50 N.C. S.C.Tex.  
*barbelini* Mars. 62-684 Fla.  
*crichsoni* Lec. 63-28  
 69. *pygidialis* Csy. 16-282 Ariz.

**Anapleus** Horn 73-311

6770. *marginatus* (Lec.) 53-292 Ill.Tex.So.Cal.  
 71. *compactus* Csy. 93-558 Cal.

**Bacanius** Lec. 53-291

6772. *punctiformis* Lec. 53-288 Pa. Fla. Mo.  
 Ind.  
 73. *tantillus* Lec. 53-291 Pa.-La. Ind.  
 74. *globulinus* Csy. 93-560 Cal.  
 75. *misellus* Lec. 53-292 M.St.Fla.  
 76. *debilitans* Csy. 93-560 Fla.  
 77. *acuminatus* Csy. 93-561 Cal.

## SAPRININI

**Abræus** Leach 17-76

6778. *bolteri* Lec. 80-190 Cal.

**Acritus** Lec. 53-288

- (*Halacritus* Schm. 93-CIII)  
 6779. *maritimus* (Lec.) 51-170 Cal.  
 80. *parallelus* Csy. 16-251 Va.  
 (*Aeletes* Horn 73-356)  
 81. *politus* (Lec.) 53-290 Ind. M.S.W.  
 St. Ct.  
 a. *robustulus* Csy. 16-253 Ia.  
 82. *brevisternus* Mars. 56-609 La.  
 83. *basalis* (Lec.) 51-170 So.Cal.  
 84. *simplex* (Lec.) 45-84 Fla.So. St.Ind.  
*acupictus* Mars. 56-618  
 85. *insignis* Csy. 16-253 Ariz.  
 (*Acritinus* Csy. 16-254)  
 86. *floridæ* Mars. 56-693 S.C. Fla.La.  
 87. *tenebrosus* Csy. 16-254 N.C.  
 88. *cælator* Csy. 93-574 Ind.?  
 (*Acritus* s.str.)  
 89. *arizonæ* Horn 73-353 Ariz.  
 90. *exiguus* (Er.) 34-208 M.S.W.St.Ind.  
 Fla L.I.La. Ia.  
 [Colo.  
*natchez* Mars. 56-604  
 a. *aciculatus* (Lec.) 45-54  
 b. *obliquus* (Lec.) 45-54 Kan.  
*cribripennis* Mars. 56-605  
 91. *ellipticus* Csy. 16-250 N.C.  
 92. *sparsellus* Csy. 16-250 N.C.  
 93. *angustus* Csy. 16-251 Ohio.  
 94. *volitans* Fall 02-238 So.Cal.  
 95. *fimetarius* Lec. 45-84 M.& S.St.  
 96. *sallci* Horn 73-355 Ga. La.  
 97. *strigosus* Lec. 53-289 Ind.So.St.Tex.  
*lateralis* Mars. 56-621 [Fla.  
 a. *conformis* Lec. 53-289 Ga.  
 98. *acaroides* Mars. 56-618 So.St.  
 99. *salinus* Lec. 78-402 Fla.  
 6800. *atomus* Lec. 53-291 Cuba, La.?Fla.  
 (*Pycnacritus* Csy. 16-252)  
 01. *discus* Lec. 53-289 Ga.  
 02. *sternalis* Csy. 16-252 N.Y.  
 03. *repletus* Csy. 16-252 Ind.?

**Saprinus** Er. 34-172

- \*  
 6804. *discoidalis* Lec. 51-167 So.Cal. Ariz.  
*amplus* Csy. 16-258 So.Cal.  
 a. *latiformis* Csy. 18-414 N.Mex.  
 05. *cupreolus* Csy. 16-258 Ut.

**Saprinus** Er.

6806. *carinifer* Fall 17-167 Cal.  
 \*\*  
 07. *planisternus* Mars. 56-477 Tex.  
 08. *rugipennis* Mars. 56-417 N.Am.?  
 09. *opacus* Horn 94-364 L.Cal.  
 \*\*\*  
 10. *interstitialis* Lec. 51-166 Cal.  
 \*\*\*\*  
 11. *pectoralis* Lec. 51-166 So.Cal.(Fla.?)  
 12. *cheyennensis* Csy. 16-259 Wy.  
 13. *behrensi* Horn 73-315 So.Cal.  
 14. *obsidianus* Csy. 93-563 Ala.  
 15. *subæratu*s Csy. 93-564 La.  
 16. *obscurus* Lec. 51-166 So.Cal. Ariz.  
 17. *floridæ* Horn 73-318 Fla.  
 18. *laramiensis* Csy. 93-564 Wy.  
 19. *posthumus* Mars. 56-460 Mass.Ind.Fla.  
 20. *obsoletus* Csy. 16-260 N.Y.  
 21. *moniliatus* Csy. 16-260 Mass.  
 22. *pæminosus* Lec. 51-166 So.Cal.  
 23. *audax* Csy. 93-565 N. J.  
 24. *copei* Horn 73-320 Wy.  
 25. *suffusus* Csy. 16-259 Cal.  
 \*\*\*\*\*  
 26. *alienus* Lec. 51-167 So.Cal. Ariz.  
 27. *lugens* Er. 34-181 Ariz. Colo.-  
*californicus* Mann. 43-259 [Cal. Ind.  
*consimilis* Walk. 66-319  
 28. *imperfectus* Lec. 45-70 Pa.? Ind.  
 ?*concinnus* Mots. 49-96 Sib.  
 29. *pennsylvanicus* Payk. 11-62 Mich. Atl.-  
 Colo.Ariz.Fla.  
 Ind. Ct.  
 30. *profusus* Csy. 93-566 Kan.Colo.Tex.  
 31. *oregonensis* Lec. 45-75 Mich.Can.-  
 Ariz.-Or.  
 So.Cal.  
 a. *distinguendus* Mars. 56-441 Can.Wis.Ct.  
 b. *spurcus* Lec. 59-7 Or. Ut.  
 c. *sejunctus* Mars. 62-449 N.Mex.Wy.  
 Man.  
 32. *lecontei* Csy. 16-262 Pa.Va.N.C.  
 33. *impressus* Lec. 45-74 Ga. [La.  
 34. *infaustus* Lec. 52-40 Pa.  
*piceus* || Lec. 45-73  
 \*\*\*\*\*  
 35. *æneicollis* Mars. 56-424 Tex.  
 36. *assimilis* Payk. 11-63 Mich.M.St.-  
 Tex. Ind. Ct.  
 Conn.Mich.  
 [Fla.  
*extraneus* Knoch 07-36  
*sardous* Flach 86-246

**Saprinus** Er.

- |                                 |                              |
|---------------------------------|------------------------------|
| 6876. lakensis Blatch. 10-623   | Ind.                         |
| 77. illinoensis Wolc. 12-161    | Ill.                         |
| 78. impunctellus Csy. 93-571    | Ind.                         |
| 79. sparsus Csy. 16-270         | Fla.                         |
| 80. divulsus Csy. 16-271        | Tex.                         |
| 81. scminitens Lec. 63-61       | Neb. Ind.                    |
| 82. ferrugineus Mars. 55-712    | Tex. Fla.                    |
| 83. lustrans Csy. 16-269        | Fla.                         |
| 84. consobrinus Fall 01-237     | So. Cal.                     |
| 85. fraternus Say 23-40         | Atl. & Lakes.                |
| 86. laxatus Csy. 93-572         | Fla. [Ind. Nfld.             |
| 87. mancus Say 23-40            | Ind. No. St.                 |
| 88. bigemmcus Lec. 51-169       | Cal. [Can.                   |
| 89. parvus Csy. 16-273          | So. Cal.                     |
| 90. strigilarius Csy. 16-274    | Id.                          |
| 91. fitchi Mars. 62-494         | Ind. Mass. La.<br>N.C. Mich. |
| 92. omissus Csy. 16-272         | Dak.                         |
| 93. estriatus Lec. 57-36        | Or. So. Cal.                 |
| 94. scabriceps Csy. 16-274      | Nev.                         |
| 95. laciniatus Csy. 16-275      | N. Mex.                      |
| — dentipes Mars. 55-728         | Mex. So. Fla.                |
| — braziliensis Payk. 11-66      | So. Fla.                     |
| — permixtus Lec. 77-401         | Fla.                         |
| — rugipennis Mars. 55-417       | Cal.?                        |
| *****                           |                              |
| 96. patruelis Lec. 45-76        | Ind. M. St.-                 |
| — javeti Mars. 55-709           | [Kan.                        |
| 97. lucidulus Lec. 51-170       | So. Cal.                     |
| — barbipes Mars. 57-448         |                              |
| 98. propensus Csy. 93-572       | So. Cal.                     |
| 99. servilis Csy. 93-573        | Tex.                         |
| (Pachylopus Er. 34-196)         |                              |
| 6900. æneipunctatus Horn 70-333 | Cal.                         |
| 01. dimidiatipennis Lec. 24-170 | M. St. Conn.                 |
| — palmatus Say 25-42            | N.J.                         |
| — desertorum ‡ Mars. 55-715     |                              |
| — deserticola Mars. 57-443      | R.I.                         |
| 02. gaudens Lec. 51-165         | Cal.                         |
| 03. serrulatus Lec. 51-165      | So. Cal.                     |
| 04. sulcifrons Mann. 43-259     | Cal.                         |
| <b>Chelyoxenus</b> Hub. 94-309  |                              |
| 6905. xerobatis Hub. 94-309     | Fla.                         |
| 06. repens (Csy.) 16-262        | Fla.                         |
| 07. insolitus (Csy.) 16-263     | Fla.                         |
| <b>Gnathoncus</b> Duv. 58-112   |                              |
| 6908. communis Mars. 62-501     | N.Y. Can.                    |
| — ?rotundatus (Kug.) 92-304     | Ind. Eur. &<br>N. Am.?       |
| 09. deletus (Lec.) 45-74        | No. Atl. St.-                |
| 10. interceptus (Lec.) 51-166   | Cal. Or. [Wis.               |
| 11. idiopygus Csy. 16-255       | D.C.                         |
| 12. ovalatus Csy. 16-256        | Cal.                         |
| 13. insolarcus Csy. 16-257      | Cal.                         |





## LAMPYRIDÆ

E. Olivier 10

## LAMPROCERINI

- Pleotomus** Lec. 61-184  
 6964. *pallens* Lec. 63-69 Tex.  
     65. *davisi* Lec. 81-37 Ky.  
     66. *nigripennis* Lec. 84-20 Ariz.  
**Calyptocephalus** Gray 32-370  
     (*Pollaclasis* Newn. 38-382)  
     (*Polyclasis*) Lec. 51-332  
 6967. *bifaria* (Say) 35-137 Ohio, Ind.  
     *ovata* (Newn.) 38-383
- Matheteus** Lec. 74-58  
 6968. *theveneti* Lec. 74-58 Cal.  
**Ginglymocladius** Van D. 18-2  
 6969. *discoidea* Van D. 18-3 Cal.  
     70. *luteicollis* Van D. 18-4 Cal.

## LUCIDOTINI

- Lucidota** Lap. 33-136  
     (*Rileyia* E. Oliv. 11-71)  
 6971. *atra* (Fab.) 92-101 Pa. N. Y. Ga.  
     *laticornis* (Fab.) 92-99 Ill. Ind. Fla.  
     *morio* (Melsh.) 46-203 Mich. Conn.  
     a. *tarda* Lec. 51-332  
 72. *punctata* Lec. 51-333 M. & S. St. Ind.  
     (*Ellychnia* Lec. 51-333) [Ariz.  
 73. *flavicollis* (Lec.) 68-53 N. Mex. Colo.  
     *facula* Lec. 57-17 Or.  
 74. *californica* (Mots.) 53-3 Vanc.-Cal.  
     Ariz. So. Cal.  
 75. *corrusca* (L.) 67-644 Atl. St.-Colo.  
     Ind. Nfld. So.  
     Cal. Ariz. Mich.  
     [Conn.  
     *latipennis* (Mots.) 53-3  
     a. *autumnalis* (Melsh.) 46-303 Ind.  
     *corrusca* ‡ (Mots.) 53-2
- Lucidota** Lap.  
     b. *lacustris* (Lec.) 51-334 L. Sup. H. B. T.  
     (*Pyropyga* Mots. 52-28) [Ind.  
 6976. *luteicollis* Lec. 78-405 Fla.  
     77. *fenestralis* (Melsh.) 46-304 Pa. L. Sup.  
     Cal. Ind.  
     *californica* (Mots.) 53-5 [So. Cal. Ariz.  
     *sobrinus* (Gorh.) 81-49  
     *reversus* (Gemm.) 70-120  
 78. *nigricans* (Say) 23-179 Can. Mass. Pa.  
     Va. Ind. Ariz.  
 79. *decipiens* (Harris) 36-74 N. Y. Tex. Ariz.  
     Fla. Ind. Mich.  
     Conn.  
     N. J. Fla.  
     Cal. Mich.  
     Ariz.  
 80. *minuta* (Lec.) 51-333  
 81. *indicta* (Lec.) 81-32  
 82. *simplex* Lec. 85-20
- Tenaspis** Lec. 81-33  
 6983. *angularis* (Gorh.) 80-7 Tex. No. Mex.

## PHOTININI

- Pyractomena** Lec. 50-228  
     (*Lecontea* E. Oliv. 99-371)  
 6984. *angulata* (Say) 25-162 Fla. Can. Mass.  
     *flavocincta* (Lec.) 51-336 [Ill. Ga. Ind.  
     85. *borealis* (Rand.) 38-16 Me.-Mont. Ind.  
     86. *ecostata* (Lec.) 78-406 Fla. N. J.  
     *nitidiventris* (Lec.) 78-406  
 87. *lucifera* (Melsh.) 46-304 Mass. Pa. Tex.  
     Ind.  
     Mich. Ga. Fla.  
     *linearis* (Lec.) 51-336  
     *angustata* (Lec.) 51-336  
     *punctiventris* (Lec.) 78-407
- Photinus** Lac. 57-321  
     (*Pyrectosoma* Mots. 52-38)  
 6988. *consanguineus* Lec. 51-335 Mass. Pa. Va.  
     *vittiger* || Lec. 51-336 [Ga. Fla. Ind.  
     *zonatus* Germ. 70-120  
 89. *lineellus* Lec. 51-335 Ga. Fla.  
 90. *ardens* Lec. 51-334 Mass. L. Sup.  
     *obscurus* Lec. 51-335 [Kan. Ind.  
     *tædifer* Lec. 51-334
- Photinus** Lac.  
 6991. *punctulatus* Lec. 51-335 Ill. Kan.  
     92. *umbratus* Lec. 78-407 Fla.  
     93. *dimissus* Lec. 81-35 Tex.  
     94. *collustrans* Lec. 78-407 Fla. Tex.  
     (*Ellipolampis* Mots. 52-27)  
     95. *benignus* Lec. 81-35 Tex.  
     96. *pyralis* (L.) 67-644 Pa. Ill. Tex.  
     *centrata* (Say) 25-162 [Ind.  
     *rosata* (Germ.) 24-62  
     *versicolor* ‡ Mots. 53-39  
 97. *marginellus* Lec. 51-335 Pa. Va. Tex.  
     Conn.  
     Pa. Ga.  
     (*Gynaptera* Lec. 63-52)  
     (*Macrolampis* Mots. 53-37)  
 99. *scintillans* (Say) 25-163 Mass. Pa.  
     Kan. Ind.  
     Nfld.  
     N. A.?  
 7000. *frigidus* E. Oliv. 88-54  
     — *olivieri* Lap. 33-141  
     *pyralis* Oliv. 90-17 nec. L.

## LAMPYRINI

- Microphotus** Lec. 66-88  
 7001. *dilatatus* Lec. 66-90 L. Cal.  
     02. *angustus* Lec. 74-58 So. Cal. Colo.  
     Or. Fla.
- Microphotus** Lec.  
 7003. *rinconis* Fall 12-44 So. Ariz.  
     04. *octarthrus* Fall 12-45 So. Ariz.  
     a. *pecosensis* Fall 12-45 N. Mex.

**Microphotus** Lec.

7005. decarthrus Fall 12-45 So. Ariz.  
 06. robustus E. Oliv. 11-79 So. Cal.  
 07. abbreviatus E. Oliv. 12-26 Ariz.  
 08. fragilis E. Oliv. 12-26 Ariz.

**Phausis** Lec. 51-337

- (*Lamprorhiza* † Duv. 59-15  
 7009. splendidula (L.) 67-644 Eur. Md. Ill. †  
 10. reticulata (Say) 25-163 Ga. Tenn. Tex.  
 11. inaccensa Lec. 78-611 L. Sup. Ind.  
 12. riversi Lec. 87-20 Cal.

## PHOTURINI

**Photuris** Lec. 51-337

7013. pennsylvanica (DeG.) 74-52 N.Y. Fla.  
 Kan. Ind.  
 versicolor (Fab.) 98-123 Conn. Mich.  
 marginata (Panz.) 89-31 Bahamas.  
 lineaticollis (Mots.) 54-59  
 vittigera (Mots.) 54-60

**Photuris** Lec.

7014. frontalis Lec. 51-337 Ga. Fla. Tex.  
 15. divisa Lec. 51-337 Kan.  
 congener Lec. 51-338

**PHENGODIDÆ**<sup>1</sup>

Peyerimhoff, 1913

## PTEROTINI

**Pterotus** Lec. 59-86

7016. obscuripennis Lec. 59-86 Cal. So. Cal.

## PHENGODINI

**Zarhipis** Lec. 81-39

7017. integripennis Lec. 74-59 Cal. So. Cal.  
 18. piciventris Lec. 81-39 Cal.  
 19. ruficollis Lec. 81-39 Cal.  
 20. riversi Horn 85-148 Cal.

**Phengodes** Ill. 07-341

7021. picicollis Horn 91-40 Minn.  
 22. fusciceps Lec. 61-186 Tex..

**Phengodes** Ill.

7023. plumosa (Oliv.) 90-28 Ga. N. Y. Ind.  
 — ?longicornis ined. (Smith 09.298) [Fla.  
 — ?plumicornis Grif. 32 pl. 39, fig. 3.  
 24. laticollis Lec. 81-39 N. C.  
 25. sallei Lec. 81-39 La.  
 26. bellus Barber 13-343 So. Cal.  
 27. frontalis Lec. 81-39 Tex.

## MASTINOCERINI

**Euryopa** Gorh. 81-108

- sp. Ariz.

**Cenophengus** Lec. 81-41

7028. debilis Lec. 81-41 Cal. So. Cal.  
 29. pallidus Schffr. 04-213 Tex.

**Paraptorthodius** Schffr. 04-212

7030. mirabilis Schffr. 04-212 Tex.

**Mastinocerus** Sol. 49-441

7031. texanus Lec. 74-59 Tex.

**Mastinocerus** Sol.

7032. opaculus Horn 95-241 Ariz. So. Cal.  
 33. californicus Van D. 18-5 Cal.

**Tytthonyx** Lec. 51-347

7034. erythrocephala (Fab.) 01-105 M. St. Ind.  
 serraticornis (Melsh.) 46-305  
 35. ruficollis Schffr. 04-214 Tex.

**Spathizus** Lec. 84-20

7036. bicolor Lec. 84-21 Ariz.

## OMETHINI

**Omethes** Lec. 61-187

7037. marginatus Lec. 61-187 O. Conn.

**Blatchleya** Knab 10-833

- (*Blanchardia* || Bl. 10-826)  
 7038. gracilis Blatch. 10-826 Ind.

**CANTHARIDÆ**

(Telephoridæ)

## CHAULIOGNATHINI

**Chauliognathus** Hentz 30-460

7039. profundus Lec. 58-71 Ariz.  
 40. ineptus Horn 85-150 Ariz.

**Chauliognathus** Hentz

7041. obscurus Schffr. 09-379 Ariz.  
 42. vittatus Schffr. 09-380 Ariz.

† Introduced?

<sup>1</sup> The correct position of some of the genera here grouped in Phengodidæ is doubtful. Pterotus may belong nearer to Mathetecus; Tytthonyx and Spathizus in Telephoridæ; the tribe Omethini in Dascillidæ or a separate family near it. Mr. Herbert S. Barber has studied these genera but his conclusions are not yet published.



**Chauliognathus** Hentz

7043. discus Lec. 53-230 Tex.  
 44. misellus Horn 85-150 Ariz.  
 45. fasciatus Lec. 81-44 Utah.  
 46. limbicollis Lec. 58-71 Tex. Colo. N.  
 47. basalis Lec. 59-13 Mex. Ariz.  
 48. scutellaris Lec. 58-230 Colo. Utah,  
 [Ariz. Tex. Ariz.

**Chauliognathus** Hentz

7049. lewisi Cr. 74-78 N. Mex. Ariz.  
 50. opacus Lec. 66-90 Ariz.  
 51. pennsylvanicus DeG. 74-78 N. Y. Mo. Ga.  
 Tex. Ind. Conn.  
 americanus Forst. 71-50  
 bimaculatus Fab. 81-259  
 52. marginatus Fab. 75-206 N. Y. Fla. Ind.  
 hentzi Lec. 51-338

## CANTHARINI

*Podabri***Podabrus** Westw. 40-37

- (*Brachynotus* Kby. 37-247)  
 7053. latimanus (Mots.) 59-4021 Cal.  
 mellifluus Lec. 61-360  
 54. nothoides Lec. 81-46 Mass. L. Sup.  
 55. tricoatus (Say) 35-158 Can. Pa. Ind.  
 bennetti (Kby.) 37-249  
 atripes Mots. 59-403  
 56. rugulosus Lec. 50-229 L. Sup. Mass.  
 Kan. Ind.  
 57. frater Lec. 51-344 Va. Ga. Fla.  
 quadricollis Mots. 59-403 [Ind.  
 58. basillaris (Say) 23-181 Atl. Ind.  
 a. discoideus Lec. 51-344  
 b. punctulatus Lec. 59-44 Kan.  
 59. quadratus Lec. 81-46 Tex.  
 60. fissus Lec. 81-46 Fla.  
 61. diadema (Fab.) 01-298 Alt. L. Sup.  
 parvicollis (Mots.) 59-402  
 62. modestus (Say) 23-179 L. Sup. Pa. Ga.  
 Ind. Conn.  
 (Nfld.?)  
 a. flavicollis Lec. 51-343  
 63. binotatus Lec. 81-47 Cal.  
 64. comes Lec. 51-344 So. Cal. Or.  
 torquatus Lec. 61-350 [Mont. Ariz.  
 gradatus Lec. 60-320  
 65. mexicanus Gorh. 85-284 Ariz.  
 66. tomentosus (Say) 25-165 Ill. Cal. Ind.  
 rufiolus Melsh. 46-304  
 pruinosis Lec. 51-344  
 cinereipennis Mots. 59-403  
 67. protensus Lec. 66-91 Conn. O. Pa.  
 fayi Lec. 66-91 [Ind.  
 68. brunnicollis (Fab.) 81-258 Ind.  
 limbatus (Fab.) 81-258  
 a. poricollis Lec. 52-49 Pa. Ga. Ill.  
 puncticollis || Lec. 51-345 [Tex.  
 (*Malthacus* Kby. 37-247)  
 69. scaber Lec. 61-350 Or. Vanc. Ut.  
 70. cinctipennis Lec. 66-91 Pa. [Alas.  
 71. limbellus Lec. 81-47 N. H.  
 72. punctatus Lec. 50-229 Can. L. Sup.  
 [Pa.  
 73. brevipennis Lec. 78-460 Colo.-B. C.  
 74. puncticollis (Kby.) 37-247 L. Sup. N. H.  
 marginellus Lec. 50-229  
 75. xanthoderus Lec. 81-48 Cal. B. C.  
 76. lutosus Lec. 81-48 Nev. Vanc.  
 77. macer Lec. 61-350 Cal.  
 78. piniphilus (Esch.) 30-65 Lab. Can. Alas.  
 79. lateralis Lec. 76-297 Colo. N. Mex.  
 80. puberulus Lec. 50-227 L. Sup. Can.  
 ?sericatus Mann. 46-511 [Alas.  
 81. extremus Lec. 81-48 H. B. T. Lab.  
 82. simplex Couper 65-62 Can. Fla.

**Podabrus** Westw.

7083. lævicollis (Kby.) 37-248 Lab. N. H.  
 L. Sup. Nfld.  
 84. tejonicus Lec. 59-74 Cal.  
 85. bolteri Lec. 81-49 Can. Pa.  
 86. pattoni Lec. 66-394 Cal.  
 C.  
 87. mellitus Lec. 81-49 Cal. Nev.  
 88. corneus Lec. 61-350 Cal.  
 89. cavicollis Lec. 51-345 Cal. Nev.

**Cantharis** L. 58-400

- (*Telephorus* Schaeff. 66-123)  
 A. (*Ancistrionycha* Märk. 51-592)  
 7090. decipiens Horn 94-380 L. Cal.  
 91. dentiger Lec. 51-341 Conn. N. Y.  
 Tex. Ind.  
 92. excavatus Lec. 51-342 Conn. N. Y.  
 Ill. Fla. Ind.  
 93. vilis Lec. 51-343 N. Y.  
 94. tantillus Lec. 81-69 Ill.  
 pusio || Lec. 81-51  
 95. walshi Lec. 81-51 Ill.  
 96. fraxini Say 23-181 Lab. Colo.-  
 ater Kby. 37-245 [Alas. Conn.  
 binodula (Mann.) 46-512  
 nigrita Lec. 50-229  
 B. (*Rhagonycha* Esch. 30-64)  
 97. carolinus Fab. 01-296 L. Sup. Pa. Ind.  
 jactatus Say 25-167 Kan. [Conn.  
 98. lineola Fab. 92-219 Can. Fla. Tex.  
 parallela Say 25-168 [Conn. Ind.  
 sayi Lec. 51-342 Nfld.  
 a. angulatus Say 23-180  
 99. costipennis Lec. 84-21 Fla.  
 7100. nigritulus Lec. 81-52 Lab. H. B. T.  
 01. rectus Melsh. 46-305 L. Sup. Ind.  
 pusillus Lec. 51-343 [Conn.  
 oriflavus Lec. 74-273  
 rufipes || Say 23-182 Pa.  
 02. albolineatus Blatch. 17-143 Fla.  
 03. nanulus Lec. 81-52 Mich.  
 04. cruralis Lec. 51-342 Ga.  
 05. flavipes Lec. 51-341 Ill. Kan. Ind.  
 a. dichrous Lec. 51-341 Kan. Tex.  
 06. scitulus Say 25-168 Atl. St. Ind.  
 imbecilis Lec. 51-342 Fla.  
 a. nigriceps Lec. 50-230  
 07. pusillus Lec. 51-343 Va. Ga. Ind.  
 08. luteicollis Germ. 24-70 Mich. Ga. Ind.  
 cinctellus Lec. 51-341  
 09. ruficollis Lec. 81-53 Colo.  
 10. longulus Lec. 51-343 Fla. Ga.  
 C.  
 11. impar Lec. 81-53 Tex.  
 D. (*Telephorus* s. str.)  
 12. consors Lec. 51-340 So. Cal.

**Cantharis L.**

- tibialis || Lec. 51-340 ♀  
 tibiellus Gemm. 70-121  
 7113. rotundicollis Say 25-165 L. Sup.-Va.  
 14. curtisi Kby. 37-247 L. Sup.-B.C.  
     samouelli Kby. 37-246 [Lab.  
     ?westwoodi Kby. 37-246  
 15. transmarinus Mots. 59-400 Cal.  
 16. grandicollis Lec. 51-340 Cal.  
     rubricollis Mots. 59-400  
 17. fidelis Lec. 51-340 Colo. N. Mex.  
 18. oregonus Lec. 66-92 Or.B.C.  
     scopus Lec. 66-92  
 19. tuberculatus Lec. 51-341 Can.-Ky. Ind.  
     impressus Lec. 51-341  
     brevicollis Lec. 51-341 ♀  
     a. armiger Couper 65-62  
     collaris || Lec. 51-340  
 20. alticola Lec. 81-54 Colo. Wy.  
 21. bilineatus Say 23-182 Atl.-Kan. Ind.  
     E. (*Cyrtomoptila* Mots. 59-401)  
     (*Cyrtomoptera* Mots. 59-401)  
 22. divisus Lec. 51-340 No. Cal. Vanc.  
     latiusculus Mots. 59-401 Alas.  
 23. notatus Mann. 43-246 Cal. (So. Cal.?)  
     peregrinus Boh. 58-80  
 24. lautus Lec. 51-340 Cal. So. Cal.  
 25. ochropus Lec. 81-54 So. Cal.  
     F.  
 26. ingenuus Lec. 81-55 Nev. So. Cal.  
     G.  
 27. marginellus Lec. 51-342 Ga. Fla.  
 28. insipidus Fall 07-235 N. Mex.  
 29. simpliunguis Blatch. 10-836 Ind.  
     — ?vittata Fab. 75-219 S. C.

**Polemius Lec. 51-338**

7130. princeps Lec. 84-21 Ariz.  
 31. strenuus Lec. 84-21 Ariz.  
 32. marginicollis Lec. 84-21 N. Mex.  
 33. regularis Fall 07-235 N. Mex.  
 34. binotatus Fall 07-236 Ariz.  
 35. niger Schffr. 08-65 Ariz.  
 36. arizonensis Schffr. 08-65 Ariz.  
 37. laticornis (Say) 25-168 Ill. Fla. Tex.  
     incisus Lec. 51-168 [Ind. Conn.  
     ?invalida Say 35-158 Ind.  
     dubius Melsh. 46-304  
     undulatus (Lec.) 51-341  
 38. repandus Lec. 81-55 Pa. Ga. Tex.  
     Ind.

**Polemius Lec.**

7139. limbatus Lec. 51-339 Pa. Fla. Tex.  
 40. languidus Horn 94-380 So. Cal.

**Discodon Gorh. 81-78**

7141. telephoroides Schffr. 09-380 Ariz.  
 42. abdominale Schffr. 09-380 Ariz.  
 43. bipunctatum Schffr. 08-64 Ariz.  
 44. flavomarginatum Schffr. 08-65 Ariz.  
 45. planicollis Lec. 58-17 Tex. N. Mex.  
     platyderum Gemm. 69-1670

**Silis Latr. 29-471**

7146. spinigera Lec. 74-61 Or. Cal. Ut.  
     a. munita Lec. 81-56 Id. Colo. Cal.  
 47. difficilis Lec. 50-230 H.B.T.-N.  
     a. flavida Lec. 74-61 Cal. Nev. [Mex.  
     b. carbo Van D. 18-164 Cal.  
 48. atra Lec. 84-22 Wash. Or.  
 49. cava Lec. 74-61 Or. Cal.  
 50. rugosa Van D. 18-164 No. Cal.  
 51. pallida Mann. 43-246 Alas. Or.  
     a. maritima Van D. 18-164 Or.  
 52. percomis (Say) 35-159 Can. Mich.  
     longicornis Lec. 50-230 ♂ Ind. O. Mass.  
     curtus (Lec.) 50-231 ♀ Tex.  
 53. vulnerata Lec. 74-61 Or. Wash. Colo.  
 54. filicornis Van D. 18-165 Cal.  
 55. lutea Lec. 53-78 No. Cal. Or.  
     pallens || Lec. 53-78  
     a. filigera Lec. 74-62 Wash. So. Cal.  
 56. deserticola Van D. 18-165 Cal.  
 57. spathulata Lec. 81-57 Ill. Ind. N.Y.  
 58. arizonica Van D. 18-165 Ariz. [N. C.  
 59. fenestrata Van D. 18-165 Cal.

**(Plectonotum Gorh. 85-306)**

7160. excisum Schffr. 08-67 Ariz.  
**(Ditemnus Lec. 62-189)**  
 61. bidentatus (Say) 25-169 Pa. Ga. Ind.  
     62. latilobus Blatch. 10-837 E. St. Conn.  
     63. obtusus Lec. 74-62 Ind. Kan. Mo.  
     64. fossiger Lec. 81-58 Cal. So. Cal.  
     65. tricornis Van D. 18-166 Tex.  
     66. perforata Lec. 81-57 Ariz.  
     67. nigerrima Schffr. 08-66 Tex.  
     68. abdominalis Schffr. 08-66 Ariz.

**MALTHINI**

Kiesenwetter 52; Leconte 81

**Tryptherus Lec. 51-346**

- (*Lygerus* Kies. 52-246)  
 7169. latipennis (Germ.) 24-72 Pa. Va. Ga.  
     marginalis (Say) 24-192 [Ind. Ct.

**Belotus Gorham 81-99**

- (*Lobetus* † auct. nec Kies. 52-244)  
 7170. abdominalis (Lec.) 51-347 Ga. Fla. Tex.

**Malthinus Latr. 06-261**

7171. atripennis Lec. 81-60 Tex.  
 72. occipitalis Lec. 51-345 Va. Ga. Ind.  
     difficilis Lec. 51-345 N. C. Fla.  
 73. subcostatus Schffr. 08-67 Ariz.

**Malthodes Kies. 52-265**

7174. bicolor Lec. 84-22 Ariz.  
     A.  
 75. spado Lec. 66-93 Pa. Ga.  
 76. ligulifer Berg. 89-203 Cal.  
     B.  
 77. laticollis Lec. 65-53 So. Cal. Is.  
     transversus || Lec. 61-351  
 78. concavus Lec. 51-346 N. Y. N.H. Pa.  
     C. Mass. Ind. Ct.  
 79. fragilis Lec. 51-346 Pa. Va. Ga.  
     transversus Lec. 51-346 N.Y. [(Cal.)?  
 80. exilis Melsh. 46-305 Pa. Md. Ind.

**Malthodes** Kies.

- fulvicollis Kies. 52-330 Pa.  
 ?ruficollis Kies. 52-320 Lec. 81-72  
 7181. fuscus Lec. 51-346 Cal. So. Cal.  
 82. rectus Lec. 81-61 Va. Ga.  
 83. curvatus Lec. 81-61 Ill.  
 84. lucanus Horn 95-240 L. Cal.  
 85. furcifer Lec. 81-62 Colo.  
 86. arcifer Lec. 81-62 Md.  
 87. captiosus Lec. 81-61 Va.

**Malthodes** Kies.

7188. fuliginosus Lec. 66-93 L. Sup. N. H.  
 89. niger Lec. 51-346 L. Sup. N. H.  
 ♀ ♀  
 90. analis Lec. 81-62 M. St.  
 91. congruus Lec. 81-62 Va.  
 92. quadricollis Lec. 81-63 L. Sup.  
 93. parvulus Lec. 51-346 L. Sup. Mass.  
 — ?marginipennis Lap. 35-270 Am. Bor.

**MELYRIDÆ****MALACHIINAE**

Leconte 52; Horn 70, 72; Casey 95; Fall 01, 12

**Collops** Er. 40-54

- A  
 7194. cribrus Lec. 52-164 B.C. So. Cal.  
 cyanipennis Mots. 59-404 ♀ Cal.  
 95. parvus Schffr. 12-185 Ariz. N. Mex.  
 Tex.  
 96. tricolor (Say) 23-183 Ct. Que.-Va.  
 a. sublimbatus Schffr. 12-187 Ga. [Ind. Fla.  
 97. vicarius Fall 12-258 Ind. Okla.  
 98. punctatus Lec. 52-164 Kan. Neb.  
 Colo. N. Mex.  
 a. nigrus Schffr. 12-185 Ariz.  
 99. dux Fall 12-259 Tex.  
 7200. marginicollis Lec. 52-164 So. Cal. Utah.  
 01. aulicus Er. 40-55 Ariz.  
 a. claricollis Fall 12-260 So. Cal.  
 02. reflexus Lec. 76-517  
 03. hirtellus Lec. 76-517 N. Mex. Sask.  
 a. lucens Fall 12-261 N. Mex.  
 04. discretus Fall 12-261 Colo.  
 05. subtropicus Fall 12-262 Fla.  
 06. subæneus Fall 12-262 Cal.  
 07. nigriceps (Say) 23-183 Mass. Fla. Ala.  
 eximius Er. 40-57  
 a. floridanus Schffr. 12-185 Fla.  
 08. bipunctatus Say 23-185 Kan. So. Cal.-  
 Ariz.

**B.**

09. limbatus G. & H. 68-121 Neb. Cal.-  
 limbatus || Lec. 66-94 [Ariz.  
 10. georgianus Fall 10-141 Ga.  
 11. flavicinctus Fall 10-140 Ariz.  
 12. laticollis Horn 70-83 L. Cal.  
 13. granellus Fall 12-265 Ariz. Utah.  
 14. marginellus Lec. 52-164 Ariz. So. Cal.  
 15. vittatus (Say) 23-184 Ct. Que.-Ariz.  
 haworthi Westw. 53-98 Mex.  
 16. necopinus Fall 12-267 So. Cal.  
 17. punctulatus Lec. 52-165 So. Cal. Ariz.  
 a. insulatus Lec. 66-94 [N. Mex.  
 b. utahensis Schffr. 12-187 Utah, Colo.  
 c. texanus Schffr. 12-187 Tex. Ariz.

**C.**

18. validus Horn 70-82 Mex. L. Cal.  
 19. cruceo Fall 10-140 So. Cal. Is.  
 20. pulchellus Horn 70-83 Ariz. Tex.  
 21. histrio Er. 40-59 Ariz. Cal.-  
 N. Mex.  
 argutus Fall 01-242 Cal. So. Cal.  
 22. scutellatus Schffr. 12-186 Tex.  
 23. similis Schffr. 12-187 Utah  
 24. tibialis Schffr. 12-186 Ariz. N. Mex.

**Collops** Er.

7225. confluent Lec. 52-164 Kan. Utah  
 26. femoratus Schffr. 12-186 Ariz.  
 27. quadrimaculatus (Fab.) 98-70 R.I. Ct. Tex.  
 Ariz. Ind. Fla.  
 ruficollis (Fab.) 98-83  
 28. balteatus Lec. 52-230 Tex.  
 29. versatilis Fall 12-273 No. Cal. Or.  
 Utah, Ariz.

**Trophimus** Horn 70-84

7230. æneipennis Horn 70-84 Colo.

**Temnopsophus** Horn 72-111

7231. bimaculatus Horn 72-111 La. Fla.  
 32. impressus Sz. 78-364 Fla.

**Endeodes** Lec. 59-122

7233. basalis (Lec.) 53-168 Cal.  
 34. abdominalis (Lec.) 53-168 Cal. So. Cal.  
 35. collaris (Lec.) 53-168 Cal. So. Cal.

**Chætocœlus** Lec. 80-194

7236. setosus Lec. 80-194 Tex. Md. Fla.

**Attalusinus** Leng 18-206

7237. submarginatus (Lec.) 52-167

Ariz.

**Malachius** Fab. 75-207

(*Hapalorhinus* Lec. 59-75)

7238. æneus (L.) 61-202 Eur. Can. N.  
 Eng. N.Y. Ct.  
 39. biguttulus Horn 70-87 Cal. Ariz.  
 40. viridulus Fall 10-143 So. Cal.  
 41. auritus Lec. 52-165 So. Cal. Or.  
 42. uniformis Fall 10-142 So. Cal.  
 inornatus || Fall 01-243  
 43. contortus Fall 10-142 Mont.  
 44. pristinus Fall 01-244 So. Cal.  
 45. acutipennis Fall 01-245 So. Cal.  
 46. horni Fall 17-88  
 spinipennis || Horn 74-27 So. Cal.  
 47. mirandus (Lec.) 59-75 Cal.  
 48. bakeri Fall 10-143 Cal.  
 49. theveneti Horn 74-28 So. Cal.  
 50. directus Fall 01-245 So. Cal.  
 51. macer Horn 74-27 Cal.  
 52. mixtus Horn 72-113 Cal.  
 53. ulkei Horn 72-114 Dak.  
 54. montanus Lec. 76-517 No. N. Mex.  
 55. nigrinus Fall 01-246 So. Cal.



**Tanaops** Lec. 59-74

(Caphalistes Mots. 59-209)

7256. angusticeps Fall 17-69 Cal.  
 57. abdominalis Lec. 59-74 So. Cal.  
 58. ignitus Fall 17-70 Cal. Or.  
 59. antennatus Fall 17-70 So. Cal.  
 60. longiceps (Lec.) 52-165 So. Cal.  
     apicalis (Mots.) 59-409  
     unicolor (Mots.) 59-410  
 61. spinifer Fall 17-71 Ariz.  
 62. terminalis Fall 17-71 Cal.  
 63. dubitans Fall 17-72 Cal.  
 64. minus Fall 17-72 Ut. Colo.  
 65. coelestinus Gorh. 86-320 Mex. Ariz.  
 66. complex Fall 17-73 Ariz.  
 67. repens Fall 17-73 Cal.

**Microlipus** Lec. 52-168

7268. prolixicornis (Fall) 01-246 So. Cal.  
 69. productus Fall 17-76 So. Cal.  
 70. franciscanus Fall 17-76 Cal.  
 71. laticeps Lec. 52-168 ♂ Cal. So. Cal.  
     ? uniformis (Mots.) 59-405 ♀  
 72. æqualis Fall 17-77 So. Cal.  
 73. lævicollis Horn 72-116 Neb.  
 74. mœrens (Lec.) 59-283 Cal.  
 75. longicollis (Mots.) 59-405 Cal. So. Cal.

**Anthocomus** Er. 40-97

7276. erichsoni Lec. 52-165 Fla. M. St. Ind.  
     otiosus † Er. 40-99  
     lateralis Lec. 52-165  
 77. flavilabris (Say) 25-169 E. & M. St. Ind.  
     cœruleus (Rand.) 38-16  
 78. ventralis Horn 72-118 Ariz.

**Pseudebæus** Horn 72-118

- (Ebæus † Lec. 52-167)  
 7279. apicalis (Say) 25-170 Fla. M. & S. St.  
     a. minutus (Melsh.) 46-305 [Ind.]  
 80. bicolor (Lec.) 52-167 Ariz. Fla. M.  
     & S. St. Ind.  
 81. pusillus (Say) 25-170 So. St. (Cal?)  
 82. oblitus (Lec.) 52-167 Fla. Can.-Ga.  
 83. obscurus Lec. 79-515 Colo. [Ct. Ind.]  
     ?labiatus Fab. 01-310

**Attalus** Er. 40-89(Acletus Lec. 52-167)  
(Scalopterus Mots. 59-406)

7284. rostratus Horn 72-121 Cal.  
 85. trimaculatus (Mots.) 59-407 Cal. So. Cal.  
     elegans Horn 70-86  
 86. demissus Fall 17-83 Colo.

**Attalus** Er.

7287. serraticornis Fall 17-82 So. Cal. N. Mex.  
 88. dimidiatus Fall 17-82 So. Cal. [Tex.]  
 89. oregonensis Horn 72-122 Or. So. Cal.  
 90. nigrellus (Lec.) 52-167 L. Sup. [Ariz.]  
 91. tuberculifrons Fall 17-84 Ariz.  
 92. lecontei Champ. 14-60  
     basalis || (Lec.) 52-166 So. Cal. Ariz.  
     L. Cal.  
 93. glabrellus Fall 17-85 Cal.  
 94. terminalis (Er.) 40-108 Ct. M. & S. St.  
     [Ind.]  
     hæmorrhoidalis (Mots.) 59-408  
 95. rufomarginatus (Mots.) 59-406 Cal. So. Cal.  
 96. varians Horn 72-123 Tex. La. Fla.  
 97. zebraicus Blatch. 14-90 Fla.  
 98. rusticus Fall 17-85 So. Ariz.  
 99. foveiventris Fall 17-86 Ariz.  
 7300. granularis (Er.) 40-112 So. St. Ind.  
 01. futilis Fall 17-87 N. Mex.  
 02. grisellus Fall 17-87 N. Mex.  
 03. morulus (Lec.) 52-167 Fla. Can. D. C.  
     Ct. Kan. Ariz.  
     Ind.  
 04. pallifrons (Mots.) 59-408 Ct. Can. D. C.  
 05. semirubidus Fall 17-83 Ala. [Kan. Ind.]  
 06. melanopterus (Er.) 40-110 Tenn. Ind.  
     a. marginipennis Blatch. 10-845 Ind.  
 07. atripennis Fall 17-85 Ariz.  
 08. humeralis Lec. 66-94 Ill.  
 09. setosus Horn 94-381 L. Cal.  
 10. unicolor Horn 94-381 L. Cal.  
 11. pettiti Horn 72-124 Can. Ind.  
 12. rufiventris Horn 72-125 O.-Tex. Ariz.  
     parallelus Horn 72-124 Tex.  
 13. nigripes Horn 70-85 Colo.  
 14. otiosus (Say) 24-48 Ct. Atl. St. Ind.  
     nigripennis || (Say) 23-184  
 15. circumscriptus (Say) 23-185 So. St. Ind. Fla.  
     Ariz.  
 16. cinctus (Lec.) 52-166 So. Cal. Ariz.  
 17. difficilis (Lec.) 52-166 So. Cal. Ariz.  
 18. lobulatus (Lec.) 61-54 So. Cal. Ariz.  
     lobatus || (Lec.) 52-166  
 19. dilutimargo Fall 17-84 Ariz.  
 20. transmarinus Fall 98-267 So. Cal. Is.  
     subfasciatus || Fall 97-243  
     falli Champ. 14-657  
 21. subfasciatus Gorh. 86-320 Ariz.  
 22. scincetus (Say) 25-170 Ct. Atl.-Colo.  
     Ind. Fla.  
     infuscatus (Mots.) 59-407  
     a. confusus Blatch. 10-846 Ind.

**MELYRINÆ**

Leconte 66; Casey 95, 97

**DASYTINI****Pristoscelis** Lec. 62-193

7323. grandiceps Lec. 66-355 Cal. So. Cal.

**Eudasytes** Csy. 95-460

7324. amplus Csy. 95-461 Cal.  
 25. oblongus Csy. 95-462 Utah.  
 26. ursinus Csy. 95-463 So. Cal.

**Asydates** Csy. 95-464

7327. rufiventris Csy. 95-464 So. Cal.

**Asydates** Csy.

7328. explanatus Csy. 95-465 So. Cal.

**Trichochrous** Mots. 59-392

- (Byturosomus Mots. 59-395)  
 (Emmenotarsus Mots. 59-394)  
 (Pristoscelis Lec. pars)  
 — ?californicus Mots. 59-393 Cal.  
 7329. compactus Csy. 95-474 So. Cal.  
 30. brevis Csy. 95-474 Cal.

**Trichochrous** Mots.

7331. oregonensis (Lec.) 66-351 Or.  
 32. agrestis Csy. 95-476 Cal.  
 33. fraternus Csy. 95-477 Cal.  
 34. cylindricus Mots. 59-393 Cal.  
     ater Bland 64-253  
 35. laticollis (Mann.) 43-247 Cal.  
 36. castus Csy. 95-479 Utah.  
 37. sinuosus Csy. 95-479 Cal.  
 38. transversus Csy. 95-480 Cal.  
 39. sparsus Csy. 95-481 Colo.  
 40. ciliatus Csy. 95-481 Tex.  
 41. atricornis (Lec.) 66-352 Ariz.  
 42. fulvotarsis Bland 64-254 Cal.  
 43. antennatus Mots. 59-394 Cal. So. Cal.  
 44. discipulus Csy. 95-484 Cal.  
 45. caseyi Champ. 14-106 Cal.  
     femoralis || Csy. 95-485  
 46. griseus (Lec.) 52-169 So. Cal.  
     antennatus† Lec. nec Mots.  
     rufipes (Mots.) 59-395  
 47. simulans Csy. 95-486 Tex.  
 48. modestus Csy. 95-487 Kan.  
 49. separatus Csy. 95-487 Cal.  
 50. pudens Csy. 95-488 Ariz.  
 51. indigens Csy. 95-489 Cal.  
 52. incipiens Csy. 95-489 Ariz.  
 53. erythropus (Lec.) 52-170 Tex.  
 54. convergens (Lec.) 66-352 Ariz.  
 55. innocens Csy. 95-492 Cal.  
 56. apicalis Csy. 95-492 So. Cal.  
 57. egenus Csy. 95-493 Utah.  
 58. umbratus (Lec.) 66-352 Ariz. Cal. So.  
 59. nubilatus Csy. 95-495 Cal. [Cal.  
 60. suffusus Csy. 95-495 So. Cal.  
 61. propinquus Csy. 95-496 So. Cal. Ariz.  
 62. fulvovestitus Csy. 95-497 Ariz. So. Cal.  
 63. ferrugineus Gorh. 86-330 Ariz.  
     a. exiguus Csy. 95-497  
 64. testaceus Csy. 95-498 So. Cal.  
 65. fallax Csy. 95-499 Cal.  
 66. inæqualis Csy. 95-500 Colo.  
 67. subcalvus Csy. 95-500 So. Cal.  
 68. funebris Csy. 95-501 Colo.  
 69. vittiger Csy. 95-502 N. Mex.  
 70. prominens Csy. 95-502 So. Cal.  
 71. cuspidatus Csy. 95-503 So. Cal.  
 72. indutus Csy. 95-503 Ariz.  
 73. fimbriatus Csy. 95-504 Cal.  
 74. pruinus Csy. 95-505 Cal.  
 75. fuscus (Lec.) 52-169 So. Cal.  
 76. seriellus Csy. 95-506 Utah, So. Cal.  
 77. sobrinus Csy. 95-507 Cal.  
 78. mucidus Csy. 95-508 Cal.  
 79. brevicornis (Lec.) 52-169 So. Cal.  
     vilis Csy. 95-509 So. Cal.  
 80. insignis Csy. 95-510 S. E. Cal.  
 81. curticolis Csy. 95-511 Cal.  
 82. suturalis (Lec.) 52-169 So. Cal.  
     conformis (Lec.) 52-169  
 83. varius Csy. 95-512 Ariz.  
 84. quadricollis (Lec.) 59-75 So. Cal.  
     remotus Csy. 95-514 Cal.  
 85. conspersus Csy. 95-514 So. Cal.  
 86. placatus Fall 07-238 N. Mex.  
 87. similis Fall 07-239 N. Mex.  
 88. rufipennis (Lec.) 58-71 Ariz.  
 89. lobatus Csy. 95-516 So. Cal.  
 90. brevipilosus (Lec.) 66-353 Cal.  
 91. hystrix Csy. 95-517 Cal.

**Trichochrous** Mots.

7392. barbaræ Csy. 95-518 So. Cal.  
 93. tectus Csy. 95-519 Cal.  
 94. sordidus (Lec.) 52-169 So. Cal. Ariz.  
 95. villosus Csy. 95-520 Cal.  
 96. irrasus Csy. 95-521 Cal.  
 97. crinifer Csy. 95-521 So. Cal.  
 98. hirtellus (Lec.) 66-353 L. Cal.  
 99. mixtus Fall 07-237 N. Mex.  
 7400. fulvescens Csy. 95-523 So. Cal.  
 01. comatus (Lec.) 81-77 N. Mex.  
 02. incultus Fall 07-238 N. Mex.  
 03. bicoloripes Fall 07-239 N. Mex.  
 04. squalidus (Lec.) 52-169 So. Cal.  
     tejonius (Lec.) 66-354  
 05. sexualis Csy. 95-524 Cal.  
 06. sonomæ Csy. 95-525 Cal.  
 07. texanus (Lec.) 66-355 Tex.  
 08. sophiæ Fall 07-236 N. Mex.  
 09. lucidus Csy. 95-527 L. Cal.  
 10. reversus Csy. 95-527 Ariz.  
 11. pedalis (Lec.) 66-355 So. Cal. Is.  
 12. nigrinus Csy. 95-529 So. Cal.  
 13. ænescens (Lec.) 52-170 So. Cal.  
 14. rusticus Csy. 95-530 Cal.  
 15. politus Csy. 95-531 So. Cal.  
 16. punctipennis (Lec.) 66-355 So. Cal. Is.  
 17. stricticollis Csy. 95-532 Cal.

**Cradytes** Csy. 95-533

7418. serricollis (Lec.) 66-356 N. Mex. Ariz.  
 19. longicollis Csy. 95-534 Ariz. [Colo.  
 20. serrulatus (Lec.) 66-356 Ariz.  
 21. prosternalis (Fall) 07-240 N. Mex.

**Sydatopsis** Csy. 95-536

7422. longicornis Csy. 95-536 L. Cal.

**Listromimus** Csy. 95-538

7423. sericatus Csy. 95-538 Nev.

**Listrus** Mots. 59-389

7424. punctatus Mots. 59-390 Cal.  
 25. tibialis Mots. 59-391 Cal.  
 26. rotundicollis (Lec.) 52-170 Cal.  
 27. interstitialis Csy. 95-545 Cal.  
 28. motschulskii (Lec.) 66-357 Cal.  
     canescens (Lec.) nec Mann.  
 29. montanus Csy. 95-546 Cal.  
 30. interruptus Lec. 52-357 Neb.-So. Cal.  
 31. amplicollis Csy. 95-547 Cal. [Ariz.  
 32. densicollis Csy. 95-548 Cal.  
 33. plenus Csy. 95-549 Vanc.  
 34. subaneus Csy. 95-549 Cal.  
 35. maculosus Csy. 95-550 Cal.  
 36. pardalis Csy. 95-551 Cal.  
 37. senilis Lec. 52-170 Ariz. Kan.  
 38. clavicornis Csy. 95-552 Ariz. [Colo.  
 39. uniformis Csy. 95-552 Ariz.  
 40. obscurellus (Lec.) 52-170 So. Cal.  
 41. extricatus Csy. 95-554 So. Cal.  
 42. canescens (Mann.) 43-247 Cal.  
 43. difficilis (Lec.) 52-170 So. Cal.  
 44. fidclis Csy. 95-556 Cal.  
 45. tritus Csy. 95-557 Cal.  
 46. confusus Csy. 95-557 Cal.  
 47. variegatus Csy. 95-558 Cal.  
 48. incertus Csy. 95-559 Cal.  
 49. annulatus Csy. 95-559 Cal. Utah.  
 50. rubripes Csy. 95-560 Colo.



**Listrus** Mots.

7451. luteipes (Lec.) 52-170 So. Cal.  
 52. concurrens Csy. 95-561 Nev.  
 53. balteellus Csy. 95-562 So. Cal.  
 54. famelicus Csy. 95-563 So. Cal.  
 55. ornatulus Csy. 95-563 Nev.  
 56. definitus Fall 01-248 So. Cal.

**Dasytellus** Csy. 95-564

7457. concinnus Csy. 95-565 Utah.  
 58. prætennis Csy. 95-566 Ariz.  
 59. exilis Csy. 95-566 Ariz.  
 60. inconspicuus Csy. 95-567 So. Cal.  
 61. nigricornis (Bland) 64-254 Kan. Neb. Tex.  
 62. degener Csy. 95-569 Ariz. [Ariz.  
 63. elegantulus Csy. 95-569 Ariz.  
 64. impressus (Gorh.) 86-329 Mex. Ariz.  
 a. subovalis Csy. 95-570 Ariz. Tex.  
 65. ferrugineus (Gorh.) 86-329 Mex. Ariz.

**Dasytes** Payk. 98-156

7466. parvicollis Mann. 43-248 Cal.  
 67. hudsonicus Lec. 66-360 H. B. T. Colo.  
 68. vicinus Blaisd. 06-74 So. Cal. [Ariz.  
 69. shastensis Blaisd. 06-75 No. Cal.  
 70. obtusus Csy. 95-573 Colo.  
 71. expansus Csy. 95-574 Cal.  
 72. nitens Csy. 95-574 Cal.  
 73. brevisculus Mots. 59-396 Cal.  
 74. dissimilis Csy. 95-576 So. Cal.  
 75. clementæ Fall 01-250 So. Cal. Is.  
 76. fastidiosus Csy. 95-577 Cal.  
 77. macer Csy. 95-577 So. Cal.  
 78. cruralis (Lec.) 66-355 Cal. Or.  
 79. depressulus Csy. 95-579 Nev.  
 80. pusillus Lec. 52-170 So. Cal. Ariz.  
 81. minutus Csy. 95-580 Cal.  
 82. lineellus Csy. 95-581 So. Cal.  
 83. musculus Fall 01-249 So. Cal.  
 (Sydates Csy. 95-537)  
 84. seminudus Lec. 66-360 Cal.

**Dasytes** Payk.

7485. zonatus Csy. 95-537 Tex.  
 (Adasytes Csy. 95-539)  
 86. laciniatus Csy. 95-540 So. Cal.

**Dasytastes** Csy. 95-582

7487. catalinæ (Lec.) 66-361 So. Cal. Is.  
 88. remissus Csy. 95-583 So. Cal.  
 89. otiosus Csy. 95-584 Cal.  
 90. dispar Csy. 95-585 Cal.  
 91. ruficollis (Ulke) 75-812 Nev.  
 92. bicolor Csy. 95-586 So. Cal.  
 93. insularis Fall 01-257 So. Cal. Is.

**Eschatocrepis** Lec. 62-193

7494. constrictus (Lec.) 52-170 Cal. So. Cal.  
 constricticollis (Mots.) 59-390 Ariz.

**Allonyx** Lec. 62-193

7495. sculptilis (Lec.) 59-75 Cal. So. Cal.  
 a. denudatus Csy. 95-590 Cal.  
 96. disjunctus Csy. 95-590 Cal.

**Vectura** Csy. 95-591

7497. longiceps Csy. 95-592 Ariz. So. Cal.  
 98. albicans Csy. 95-592 Utah.

**Pseudallonyx** Csy. 95-593

7499. plumbeus (Lec.) 66-359 Colo. Ariz.

**Leptovectura** Csy. 95-594

7500. adspersa Csy. 95-595 N. Mex.

**Mecomyceter** Horn 82-126

7501. omalinus Horn 82-126 Kan. Ariz.  
 02. facetus Csy. 95-597 Ariz.?

**Dolichosoma** Steph. 30-318

7503. foveicollis (Kby.) 37-243 Neb. H. B. T.  
 04. tenuiformis Horn 80-150 Tex.

## MELYRINI

**Melyrodes** Gorh. 82-128

- (Alymeris Csy. 95-600)  
 (Melyris† auct. nec Fab.)  
 7505. basalis (Lec.) 52-171 Ga. La. Fla.  
 06. cribrata (Lec.) 52-171 M. & S. St.  
 07. floridana Csy. 95-601 Fla.

**Eurelymis** Csy. 95-602

7508. speculifer Csy. 95-603 Utah.  
 09. atra (Lec.) 78-461 Colo.  
 10. flavipes (Lec.) 78-461 Cal. So. Cal.

## RHADALINÆ

**Dasyrhadus** Fall 10-144

7511. impressicollis Fall 10-144 Cal. Wash.  
 12. longior Fall 10-145 Cal.

**Rhadas** Lec. 51-212

7513. testaceus Lec. 51-212 Ariz.  
 14. leontei Csy. 95-606 Ariz.

CLERIDÆ<sup>1</sup>

Spinola 44; Schenkling 10

## CLERINÆ

## TILLINI

**Monophylla** Spin. 41-75

- (Macrotelus Klug 42-274)  
 (Elasmocerus Lec. 52-13)

**Monophylla** Spin.

7515. californica Fall 01-251 Cal. Ariz. Tex.  
 substriata Wolc. 10-340 Utah.

<sup>1</sup> Prepared with the assistance of Mr. A. B. Wolcott, who has also furnished a special bibliography of the family included with general bibliography.



**Monophylla** Spin.

7516. *terminata* (Say) 35-160 Mass. Ct. Ga.  
 Ia. Tex. Ariz.  
 Conn. Ind.  
*megatoma* Spin. 44-385  
 17. *pallipes* (Schffr.) 08-128 Tex.  
 18. *ruficollis* Schffr. 11-121 Ariz.

**Callotillus** Wolc. 11-115

7519. *eburneocinctus* Wolc. 11-115 So. Fla.  
 20. *elegans* Er. 47-85 S. Am. C. Am.  
*occidentalis* Gorh. 82-129 Tex. N. Mex.  
 Ariz. L. Cal.

**Tillus** Oliv. 90-22

7521. *collaris* Spin. 44-98 C. Am. Tex.  
 Ala. Ga. Ohio.

**Perilypus** Spin. 41-72

7522. *carbonarius* Spin. 44-105 Cal. N. Mex.

**Cymatodera** Gray 32-375

7523. *puncticollis* Bland 63-356 Tex. N. Mex.  
 Ariz. L. Cal.  
 L. Cal. Mex.  
 Tex. Mex.  
 Ariz.  
 Ariz.  
 Cal.  
 Ariz.  
 Tex.  
 N. Mex. Utah.  
 N. Mex.  
 Ariz.  
 Ariz.  
 Ariz.  
 Tex. N. Mex.  
 Ut. [Ariz.  
 Cal.  
 Tex.  
 Tex.  
 N. Mex. Nev.  
 Ariz.  
 Cal. Ariz.  
 Am. Bor? Ariz.  
 Me. Ont. Ga.  
 Wis. Tex. Ind.  
 Conn.

**Cymatodera** Gray

7545. *inornata* Say 35-161 Me. Can. Ga.  
 Wis. Okla. Ind.  
 Conn.  
*tenera* Lec. 52-14  
 46. *aemula* Wolc. 10-348 Ariz.  
 47. *fascifera* Lec. 65-95 Cal.  
 48. *snowi* Wolc. 10-349 Ariz.  
*arizonæ* Wolc. mss.  
 49. *hopei* Gray 32-375 Mex. Tex.  
*gigantea* Horn 80-148  
 50. *californica* Horn 68-134 Cal.  
 51. *horni* Wolc. 10-349 Cal. Ariz.  
*californica* Horn 76-225  
 52. *tricolor* Skin. 05-292 Ariz.  
 53. *brevicollis* Schffr. 17-130 Ariz.  
 54. *morosa* Lec. 58-71 Ariz. Colo. Cal.  
 N. Mex.  
 Nev. Ut.  
 Cal. Ariz. Colo.  
 Tex. Ariz.  
 L. Cal.  
 Ariz.  
 Tex.  
 Cal.  
 Tex.  
 Ut. Tex. Ariz.  
 Ariz.  
 Ariz.  
 Ariz.  
 Tex.  
 N. S. N. C. Fla.  
 Ind.  
 Wis. Ariz.  
*bosci* Chev. 43-31  
*longicollis* Spin. 44-147  
 a. *arizonica* Schffr. 08-130 Ariz.  
 b. *brunnea* Spin. 44-148 Ariz.  
 67. *balteata* Lec. 54-81 Ala. Tex. Cal.  
*fallax* Horn 85-153  
 68. *ovipennis* Lec. 59-76 Cal. Ariz. N.  
 Cal. [Mex.  
 69. *vandykei* Schffr. 04-127 Cal.  
 70. *angustata* Spin. 44-149 Mex. So. Cal.  
 71. *cephalica* Schffr. 08-130 L. Cal.  
 72. *purpuricollis* Horn 94-38 Cal.

**Lecontella** Wolc. & Chap. 18-107

7573. *cancellata* (Lec.) 54-81 N. H. N. C. Ia.  
*brunnea* || (Melsh.) 46-306 [Tex.]

## CLERINI

**Opilo** Latr. 02-111

- (*Opilus*† auct.)  
 7574. *mollis* (L.) 58-388 Cosmop. Eur.  
 75. *domesticus* Sturm 37-16 Cosmop. Can.

**Priocera** Kby. 18-389

7576. *pusilla* Kby. 26-518 No. Am.?  
 77. *castanea* Newn. 38-380 Can. Fla. Kan.  
*maculata* Ziegl. 44-268 [Mich. Ind.  
*rufescens* Spin. 44-119  
 78. *lecontei* Wolc. 10-356 Cal.

**Derestenus** Chev. 43-13

- (*Colyphus* Spin. 44-133)  
 7579. *furcatus* (Schffr.) 04-218 Tex.  
 80. *melanopterus* (Dury) 06-25 Ohio.  
 81. *criocerides* Gorh. 82-144 Mex. Cal.?

**Thanasimus** Latr. 06-270

- (*Pseudoclerus* Duv.)  
 7582. *repandus* Horn 70-342 No. Cal.

**Thanasimus** Latr.

7583. *monticola* Wolc. 10-357 Cal.  
 84. *trifasciatus* Say 25-175 Can. Vt. Pa.  
*nigripes* var. White 49-23 [Wis.  
 85. *dubius* (Fab.) 77-229 Ct. Can. Pa. La.  
*ruficeps* Spin. 44-189 [Mex. Ind.  
 86. *rubriventris* Lec. 61-351 Cal.  
 87. *undulatus* Say 35-163 Ont. N. H.  
*abdominalis* Kby. 37-244 [Mont. N. Mex.  
 a. *nubilus* Klug 42-386 H. B. T. Tenn.  
 Alas. N. Mex.  
 b. *melanocephalus* Chev. 74-290 N. S. N. H.  
 88. *nigriventris* Lec. 61-351 Ont. Vanc.  
*lecontei* Wolc. 10-359 [Mex.]

**Plæopterus** Wolc. 10-363

- (*Cleronomus* † auct. nec Klug)  
 7589. *thoracicus* (Oliv.) 95-18 Ont. Fla. Ill.  
*monilis* (Melsh.) 46-307 [Mex. Ind.]

**Plæopterus** Wolc.

- haagi (Chev.) 76-12  
 ornaticollis (Lec.) 80-194  
 a. pallipes (Wolc.) 12-55 Ia. Neb. Kan.  
 7590. cyanipennis (Klug) 42-307 Mex. Tex.  
 a. dasytoides (Westw.) 49-50 Mex. Tex.  
 b. subcostatus (Schffr.) 17-131 Fla.

**Enoclerus** Gahan 10-62

- (*Clerus* Schklg. nec Fab.)  
 7591. pinus Schffr. 05-155 Ariz.  
 92. ocreatus Horn 85-154 Kan. Colo.  
 93. humeralis Schffr. 05-155 Ariz.  
 94. nigrifrons Say 23-190 Cal. B.C. Ariz.  
 Ct. Ont. Ala.  
 L. Sup. Neb.  
 Ind.  
 95. quadriguttatus Oliv. 95-18 Ct. N. Am. Ind.  
 Ct. Ind. Ariz.  
 Ont. Ga. Wis.  
 [Mex. Mich.  
 96. nigripes Say 23-191  
 incertus Lec. 65-55  
 a. dubius Spin. 44-264 Ont. N. Y. Vt.  
 b. rufiventris Spin. 44-264 Mich.  
 97. rosmarus Say 23-190 Ct. Mass. Fla.  
 oculatus Spin. 44-267 [Ind. Okla.  
 angustus Lec. 52-21 Va.  
 a. virginienensis Schffr. 17-131  
 rufulus Schffr. 17-131  
 98. eximius Mann. 43-248 Cal. Or. Vanc.  
 holosericeus White 49-58  
 99. cupressi Van Dyke 15-29 Cal.  
 7600. muttkowskii Wolc. 09-98 Wis. Mich.  
 01. spinolæ Lec. 53-230 Mex. Ariz.  
 Kan.  
 02. moestus Klug 42-298 Mex. N. Mex.  
 truncatus Lec. 52-23 Neb. Or. Cal.  
 03. sphegeus Fab. 87-125 B.C. Neb. Mex.  
 sobrinus Walk. 66-326  
 a. arachnodes Klug 42-299 Mex. Ariz.  
 04. viduus Klug 42-297 Mex. Tex.  
 rufiventris Chev. 43-11  
 erythrogaster Spin. 44-272  
 cuprescens Gorh. 76-81  
 a. jouteli Leng 09-103 Ga. Va. N. C.  
 05. ichneumoneus Fab. 77-230 Ont. Fla. Wis.  
 rufus Oliv. 91-13 [Kan. Ind.  
 a. knabi Wolc. 10-321 Fla.  
 06. acerbus Wolc. 11-119 Nev. Ut.  
 07. quercus Schffr. 05-154 Ariz.  
 08. bimaculatus Skin. 05-291 Ariz.  
 bioculatus Schffr. 05-154  
 09. opifex Gorh. 82-156 C. Am. Tex.  
 10. quadrisignatus Say 35-162 N. J. Ga. Ind.  
 rufescens Lec. 52-212 [Mex. Ariz.  
 a. affiliatus Lec. 58-72 Tex.  
 b. latecinctus Lec. 58-72 L. Cal. Tex.  
 Ariz.  
 11. badeni Gorh. 76-80 Mex. Cal. Tex.

**Enoclerus** Gahan

7612. lunatus Klug 42-294 N. Y. Fla. Mo.  
 bicolor Melsh. 46-307 [Tex.  
 13. decussatus Klug 42-296 Mex. only.  
 höpfneri Spin. 44-256  
 a. ornatus Spin. 44-257 Ariz.  
 höpfneri† Horn  
 14. analis Lec. 52-20 Tex. Ark. O.  
 Ill. Ariz.  
 15. cordifer Lec. 52-21 Mont. Tex.  
 16. laetus Klug 42-301 Tex. Ariz. Ut.  
 a. abruptus Lec. 58-72 Ariz. Cal. Tex.  
 Kan.  
 b. coccineus Schklg. 06-272 N. Mex.-Minn.  
 corallinus Fall 07-240 N. Mex.  
 17. palmi Schffr. 04-218 Ariz. N. Mex.  
 18. crabronarius Spin. 44-247 Tex. So. Am.?  
 19. mexicanus Cast. 36-44 C. Am. N. Mex.  
 a. silbermanni Chev. 43-21 Tex.  
 — sexguttatus Fab. 75-823 So. Am.

**Trichodes** Hbst. 92-154

7620. oresterus Wolc. 10-367 Tex.  
 21. peninsularis Horn 94-382 Cal.  
 22. horni Wolc. & Chap. 18-107 Ariz. Mex.  
 illustris || Horn 76-231  
 23. simulator Horn 80-149 Ariz. Wy.  
 flavescens Ckll. 98-155  
 24. binctus Green 17-367 Tex.  
 25. bibalteatus Lec. 58-18 Tex. Ariz.  
 26. nexus Wolc. 10-367 L. Cal.  
 27. ornatus Say 23-189 Atl.-Dak.  
 douglasianus White 49-60 Ariz.  
 hartwegianus White 49-60  
 a. tenellus Lec. 58-72 So. Cal. Neb.  
 Vanc.  
 28. bimaculatus Lec. 74-63 Cal. Or.  
 bisignatus Horn 76-231  
 29. nutalli Kby. 18-394 Ont. Fla. Dak.  
 nuthalli Spin. 44-317 [Ind.  
 nuttalli auct.  
 30. apivorus Germ. 24-81 Can. Fla. Neb.  
 nutalli Say 35-164  
 a. borealis Wolc. & Chap. 18-108  
 interruptus || Lec. 52-88 Mass. Ala.

**Aulicus** Spin. 41-74

7631. nero Spin. 44-330 Mex. Tex. Cal.  
 32. femoralis Schffr. 17-132 Ariz.  
 33. monticola Gorh. 82-146 Mex. Tex.

**Sallea** Chev. 74-286

7634. coffini (White) 49-53 Mex. Tex.

**Xenoclerus** Schklg. 02-327

- (*Trogodendron* Horn nec Guér.)  
 7635. edwardsi (Horn) 80-149 L. Cal. Ariz.

**Serriger** Spin. 41-73

7636. reichei Spin. 44-171 Mex. So. Cal.

## HYDROCERINI

**Hydnocera** Newn. 38-379

7637. unifasciata Say 25-176 Mass. Ala. Ind.  
 Ariz. Ont.  
 punctata Spin. 44-54  
 38. cyanitincta Fall 06-116 N. Mex.  
 39. rufipes Newn. 40-363 Fla. Ala. Ark.  
 40. simulans Schffr. 08-333 Ariz.  
 41. dubia Wolc. 12-60 N. Dak.

**Hydnocera** Newn.

7642. subfasciata Lec. 65-97 Neb. Mont.  
 a. fraterna Wolc. 12-61 Mass. [Ariz.  
 43. pubescens Lec. 52-28 Tex. Mo. Ill.  
 Mont.  
 44. fuchsi Schffr. 08-132 Ariz. N. Mex.  
 nunenmacheri Schffr. 08-133 Ariz.  
 45. tibialis Wolc. 10-322 Neb.

## Hydnocera Newm.

- |                                 |                |   |                     |
|---------------------------------|----------------|---|---------------------|
| <i>Thyridocera</i> Newn.        | Ariz.          | <i>Thyridocera</i> Newn.                  | Ont. Fla. Tex.      |
| 7646. tristis Schffr. 09-381    | Mass. Fla.     | 7675. verticalis Say 35-164               | Wis. Ct. Ind.       |
| 47. humeralis Say 23-192        | Man. Cal. Ind. | 76. hamata Lec. 76-297                    | N. Mex.             |
| a. difficilis Lec. 52-27        | Can. Md. Man.  | 77. pallipennis Say 25-176                | Ont. Ala. Wis.      |
| cyanescens Lec. 52-28           | [N. Mex.       | serrata Newn. 38-379                      | [Mo. Ct. Ind.       |
| 48. lecontei Wolc. 12-62        | Mc. N. J. Man. | 78. gahani Wolc. 10-379                   | Tex.                |
| subænea† Lec. nec Spin.         | [N. Mex.       | 79. tricondylæ Lec. 52-26                 | Miss. Kan. Ill.     |
| 49. maritima Wolc. 10-321       | Mass.          | 80. nigrina Schffr. 08-134                | Ariz. [Colo.        |
| 50. tricolor Schffr. 04-219     | Tex.           | 81. bicolor Lec. 52-213                   | Cal.                |
| 51. plagifera Fall 06-115       | Cal.           |   |                     |
| 52. wickhami Wolc. 08-231       | Ariz.          | <b>Isohydnocera</b> Chapin 17-83          |                     |
| 53. bimaculata Wolc. 08-232     | Cal.           | 7682. brunnea Chap. 17-84                 | Kan.                |
| 54. quadrimaculata Van D. 15-31 | So. Cal.       | 83. pusilla (Schffr.) 09-381              | Ariz.               |
| 55. singularis Wolc. 12-62      | N. C.          | 84. albocincta (Horn) 71-342              | Tex.                |
| 56. knausi Wickh. 05-168        | Kan. Tex.      | 85. ornata (Wolc.) 08-233                 | Ariz.               |
| 57. omogera Horn 94-383         | L. Cal. Ariz.  | 86. gerhardi (Wolc.) 10-323               | Ariz.               |
| 58. cribripennis Fall 06-116    | Tex. [Tex.     | 87. schusteri (Lec.) 65-97                | Ill.                |
| 59. binotata Chap. 18-108       | Cal.           | 88. curtipennis (Newn.) 40-364            |                     |
| 60. discoidea Lec. 52-213       | So. Cal. Mex.  | brachyptera (Klug) 42-313                 |                     |
| furcata Gorh. 86-342            | [Ariz. Ut.     | lineatocollis (Spin.) 44-51               |                     |
| 61. scabra Lec. 52-213          | Cal. Wash.     | longicollis (Ziegl.) 44-44                | Ont. D.C. Wis.      |
| funebri Chev. 74-321            | [Kan.          | 89. tabida (Lec.) 52-29                   | Kan. Ind.           |
| 62. pygmæa Wolc. 12-63          | So. Cal.       | 90. ægra (Newn.) 40-36                    | Ont. Ala. Wis.      |
| 63. nigrescens Schffr. 09-381   | N. C.          |   | Kan. Ind.           |
| 64. arizonica Schffr. 08-132    | Ariz.          |   | Fla. Ga.            |
| 65. cincta Spin. 44-48          | C. Am. Ariz.   | <b>Wolcottia</b> Chapin 17-84             |                     |
| 66. niveifascia Schffr. 05-156  | Ariz. Mex.     | 7691. pedalis (Lec.) 65-97                | Ill. O. N. J. Ariz. |
| 67. longa Lec. 84-22            | Ariz. Tex.     | 92. sobrina (Fall) 06-117                 | Ariz.               |
| 68. robusta Horn 67-135         | Cal.           | 93. parviceps (Schffr.) 08-134            | Ariz.               |
| 69. fallax Wolc. 08-230         | Colo.          |   |                     |
| 70. subænea Spin. 44-51         | Mass.          | <b>Zenodosus</b> Wolc. 10-321             |                     |
| steniformis Spin. 44-144        |                | ( <i>Thaneroclerus</i> † auct. nec Spin.) |                     |
| 71. cœruleipennis Wolc. 08-229  | Ariz.          | 7694. sanguineus (Say) 35-162             | Ont. Ga. Wis.       |
| 72. affiliata Fall 06-117       | So. Cal.       |   | Kan. Ct. Ind.       |
| 73. lateralis Gorh. 83-169      | Panama, Tex.   | <b>Thaneroclerus</b> Spin. 41-73          |                     |
| 74. suturalis Klug 42-313       | So. Fla.       | 7695. girodi Chev. 80-31                  | Cuba, Fla.          |

## ENOPLIINI

**Chariessa Perty 30–109**

- |   |                 |   |                 |
|---|-----------------|---|-----------------|
| <b>Phyllobænus</b> Spin. 44-1               |                 | <b>Phyllobæna</b> Perry 35-150              | C. Am. Tex.     |
| 7766. <i>dislocatus</i> Say 25-176          | Ont. Ga. Wis.   | <i>spectabilis</i> Cast. 36-50              |                 |
| <i>distrophus</i> Klug 42-374               | [Tex. Ct. Ind.  | 06. <i>elegans</i> Horn 70-87               | Or. Cal. Tex.   |
| <i>transversalis</i> Spin. 44-4             |                 | <i>lemberti</i> Riv. 94-396                 |                 |
| 97. <i>merkei</i> Horn 96-374               | So. Ariz.       | 07. <i>dichroa</i> Lec. 57-48               | Cal.            |
|   |                 | 08. <i>pilosa</i> Forst. 81-49              | Can. Fla. Wis.  |
| <b>Neichneia</b> Wolc. & Chap. 18-108       |                 |   | Tex.            |
| ( <i>Ichnea</i> Cast. 36-55 pars)           |                 | a. <i>marginata</i> Say 23-187              | Can. B. C. Ill. |
| ( <i>Ellipotoma</i> ‡ Wolc. 10- nec Spin.)  |                 |   | Tex. Conn.      |
| 7768. <i>laticornis</i> (Say) 35-164        | Can. N. J. Ill. |   | Ind.            |
|   | N. C.           | <i>onusta</i> Say 28-41                     |                 |
| <i>Enoplii</i>                              |                 | <i>cincta</i> Spin. 44-358                  |                 |
| <b>Pelonides</b> Kuwert 94-8                |                 | 09. <i>floridana</i> Schffr. 17-133         | Fla.            |
| ( <i>Pyticera</i> ‡ auct. nec Spin. 44-69)  |                 | 10. <i>texana</i> Wolc. 08-70               | Tex.            |
| ( <i>Enopium</i> ‡ auct.)                   |                 |   |                 |
| 7769. <i>humeralis</i> Horn 67-135          | N. Mex. Ariz.   | <b>Corinthiscus</b> Fairm. & Germ. 61-4     |                 |
| <i>militaris</i> Chev. 74-324               | Mex.            | ( <i>Pelonium</i> ‡ auct. nec Spin. 44-347) |                 |
| 7700. <i>granulatipennis</i> Schffr. 04-220 |                 | 7711. <i>leucophæum</i> Klug 42-366         | N. J. Fla.      |
|   | Tex.            | <i>vetustum</i> Spin. 44-360                | [L. Cal. Ct.    |
| 01. <i>scabripennis</i> Lec. 65-98          | L. Cal.         | <i>albomaculatum</i> Ziegl. 44-268          |                 |
| 02. <i>quadripunctata</i> Say 23-188        | Tex. Ark. O.    | <i>venustum</i> Hald. 45-126                |                 |
| a. <i>quadrinotata</i> Hald. 53-362         | Tex. [Ind.      | 12. <i>peninsularis</i> Schffr. 17-132      | L. Cal.         |
| 03. <i>nigrescens</i> Schffr. 04-221        | Tex.            | 13. <i>granulosum</i> Wolc. 09-100          | Tex.            |
| 04. <i>janthina</i> (Lec.) 65-99            | L. Cal.         | 14. <i>fasciatum</i> Lec. 52-214            | Cal. Tex.       |



**Corinthiscus** Fairm.

- a. trilobatus Van D. 15-32 Cal.  
 7715. maculicollis Schffr. 04-219 Tex.

**Cregya** Lec. 62-197

(*Galeruclerus* Gahan 10-75)

7716. oculatus Say 35-163 Mass. Fla.  
 Tex. Ind.  
 17. mixtus Lec. 65-98 Md. Tex. Colo.  
 18. quadrisignatus Spin. 44-365 C. Am. Tex.  
 uncinatus Chev. 74-278  
 bilineicollis Chev. 74-327  
 quadrinotatus Chev. 74-328

**Orthopleura** Spin. 44-80

7719. damicornis Fab. 98-117 N. Y. Fla. Ill.  
 thoracica Say 23-188 [L. Cal. Ind.  
 nigripennis Spin. 44-82  
 a. pennsylvanica Chev. 74-325 Pa. Mo.  
 20. punctatissima Chev. 43-34 Tex.  
 bimaculata Melsh. 46-307 Pa.  
 texana Bland 63-356 Tex.  
 21. quadraticollis Spin. 44-167 N. Am.? Pa.

## CORYNETINI

**Lebasiella** Spin. 44-77

7722. pallipes (Klug) 42-353 Pa. Tex.  
 nigripennis Lec. 65-99  
 23. discolor Klug 42-353 Mex. Cal.  
 a. tibialis Schklg. 98-368 Mex. Cal.

**Corynetes** Herbst 91-148

7724. marginella Chev. 43-42 Cal.  
 25. maculicollis Lec. 74-63 So. Cal.  
 filiola Chev. 74-326  
 lineatocollis Chev. 74-326  
 26. discoidea Lec. 83-77 N. Mex.

**Necrobia** Oliv. 95-76

7727. rufipes (DeG.) 75-165 †Cosmop. Ind.  
 28. ruficollis (Fab.) 75-57 †Cosmop. Ind.  
 29. violacea (L.) 58-356 †Cosmop. Ind.

**Necrobia** Oliv.

7730. mesosternalis Schffr. 08-135 Ariz.

**Tarsostenus** Spin. 44-287

7731. univittatus (Rossi) 92-44 †Cosmop. Pa.  
 albofasciatus Melsh. 46-306 [Tex.]

**Ababa** Csy. 97-653

- (*Prionostichæus* Wolc. 11-125)  
 (*Prionodera* || Wolc. 10-396)  
 7732. tantillus (Lec.) 65-96 D. C. Mass.  
 crinita Csy. 97-654 Tex. [Ala.]

**Opetiopalpus** Spin. 44-110

- (*Opetiopselaphus* G. & H. 69-1759)  
 7733. luridus Spin. 44-113 N. Am.

OTHNIIDÆ<sup>1</sup>

Horn 71; Champion 88; Borchmann 10

**Othnius** Lec. 61-102

- (?*Elacatis* Pasc. 60-52)  
 7734. umbrosus Lec. 61-103 Neb.  
 35. lugubris Horn 68-132 Or.  
 36. longicornis (Horn) 71-334 So. Cal.  
 guttulatus Lec. 61-103 (indesc.) Cal.

**Othnius** Lec.

7737. fasciatus Bland 64-253 Va.  
 38. californicus Mann. 43-228  
 — mexicanus Horn 68-133 C. Am. (U.S.?)

## LYMEXYLOIDEA

**LYMEXYLIDÆ** (*Lymexylonidæ*)

Leach 17; Schenkling 15

**Hylecætus** Latr. 06-266

- (*Elateroides* Schf. 66-139)  
 7739. lugubris Say 35-166 E. U. S. Ind.  
 americanus Harris 38-51

**Melittomma** Murr. 67-314

- (*Lymexylon* † auct. nec Fab. 75-204)  
 (*Calolymus* Thunb. 91-261)  
 (*Pterophorus* Hbst. 84-47)  
 7740. sericeum Harris 38-52 E. U. S. Ind.  
 [Conn.]

TELEGEUSIDÆ<sup>1</sup>**Telegeusis** Horn 95-242

7741. debilis Horn 95-243 L. Cal. (Ariz.?)

† Introduced.

<sup>1</sup> Regarding position of these families, see Introduction.

MICROMALTHIDÆ<sup>1</sup>

Barber, 13

**Micromalthus** Lec. 78-613  
7742. *debilis* Lec. 78-613

Mich. O. Ky.  
Fla. La.<sup>2</sup>D.C.  
Va. N. C.  
N. Mex.

## CUPESOIDEA

CUPESIDÆ (*Cupedidæ*)

Lacordaire 57; Alluaud 00; Leeonte 74; Casey 97

**Cupes** Fab. 01-667743. *capitatus* Fab. 01-66

44. *concolor* Westw. 30-440  
    *cinereus* Say 35-167  
    *trilineatus* Melsh. 46-310  
a. *oculatus* Csy. 97-638

S.C. Va. Mass.  
Tenn.

Ga. Fla.  
Ind. Md. Mich.  
Pa. N. Y.  
Ind. Md. Kan.  
Fla. Tex. Mich.  
N. Y.

**Cupes** Fab.7745. *lobiceps* Lee. 74-88

So. Cal. Ariz.

**Priacma** Lee. 74-877746. *serrata* (Lee.) 61-351

Cal. B. C.

## MORDELLOIDEA

## CEPHALOIDÆ

Leconte 74; Horn 96; Casey 97, 98

**Cephaloon** Newn. 38-377

7747. *lepturides* Newn. 38-377  
    *lepturoides* Hald. 46-95  
    *varians* Hald. 46-95

L. Sup. Conn.

**Sponidium** Csy.

7750. *pieum* Horn 96-380  
    51. *ornatum* Csy. 97-652  
    52. *bicolor* Horn 96-381  
    53. *versicolor* Csy. 97-651

B. C.  
Idaho.  
Cal.  
?Colo.-B. C.

**Typitium** Csy. 98-1937748. *ungulare* (Lec.) 74-275

N. H.-L. Sup.

**Drachylis** Csy. 98-1937754. *simulans* Csy. 98-195

Cal.

**Sponidium** Csy. 98-1937749. *tenuicorne* (Lec.) 74-275

Vanc. Wash.

## OEDEMERIDÆ

Horn 96; Sehenekling 15.

## CALOPODINÆ

**Calopus** Fab. 75-1827755. *angustus* Lee. 51-158

Nfld. N. Mex.  
Can.-Wash.  
Tex.-Nev.

**Sparedrus** Latr. 29-487756. *aspersus* (Lee.) 66-163

Tex.-L. Cal.

## OEDEMERINÆ

NACERDINI

**Xanthochroa** W. Schm. 46-17

7757. *trinotata* Lec. 66-164  
    58. *lateralis* (Melsh.) 46-54

La.  
So. St.

**Xanthochroa** W. Schm.

a. *signaticollis* Hald. 48-96  
7759. *testacea* Horn 96-392

Fla.  
Wash. Vanc.

<sup>1</sup> Regarding position of this family, see Introduction.<sup>2</sup> Unpublished distribution supplied by H. S. Barber.

**Xanthochroa** W. Schm.  
7760. californica Horn 74-39  
61. marina Horn 96-392  
62. centralis Horn 96-392

Cal.  
Cal.  
Cal.

**Nacerda** Steph.  
apicalis (Say) 35-188

Conn. N. Y.  
Fla. O. Pa.  
Kan. Cal.

**Nacerda** Steph. 39-337  
(*Nacerdes* ‡ auct.)  
7763. melanura (L.) 58-403

Eur. Sib.  
Japan,  
Cosmop. Ind.

## ASCLERINI

**Ditylus** Fisch. 17-469  
(*Mimetes* Esch. 18-467)  
7764. gracilis Lec. 54-18  
65. cœruleus (Rand.) 38-20  
66. quadricollis Lec. 51-157  
consors Lec. 66-70  
vestitus Lec. 57-52

Or. Wash.  
Me. L. Sup.  
Vanc.-Nev.  
[Alas.]

**Copidita** Lec. 66-164  
7767. quadrimaculata (Mots.) 52-78

68. notoxoides (Fab.) 01-369  
69. thoracica (Fab.) 01-370  
fraxini (Say) 23-272  
70. suturalis Horn 96-401  
71. mimetica Horn 96-402  
72. obscura (Lec.) 54-21

Alas. So. Cal.  
S. C. Ga. Fla.  
M.St.-Fla.  
[Tex.]  
N. J.-Fla.  
Kan. Tex.  
Ariz. Colo.  
N. Mex.

73. bicolor (Horn) 70-88  
74. cyanipennis (Horn) 70-89  
75. fuliginosa (Lec.) 66-166

Or. No. Cal.  
Cal.  
L. Cal.

**Alloxaxis** Horn 96-395  
7776. dorsalis (Melsh.) 46-55  
vittata (Hald.) 48-95  
77. pleuralis (Lec.) 66-166  
78. floridana Horn 96-397  
79. nitidula Horn 96-397

Atl. St. Fla.  
Fla. Tex.  
Fla.  
L. Cal.

**Oxaxis** Lec. 66-165  
(*Hypasclera* Kirsch 66-210)  
(*Probosea* ‡ W. Schm. 46-17 pars.)

7780. lævicollis Horn 96-412  
81. fragilis Horn 96-413  
82. granulata Lec. 66-166  
83. pallida (Lec.) 54-224

Ariz.  
Ut. Ariz.  
So. Cal.  
L. Cal. (Fla.?)  
Tex.

**Oxaxis** Lec.  
7784. sororia Horn 96-414  
85. floridana Horn 96-415  
86. grisea Horn 96-415  
87. cana (Lec.) 54-225

Ut. Tex. Ariz.  
Fla.  
Tex.  
Tex. Ariz.  
Mex.

88. tæniata (Lec.) 54-21

Ga. Fla. Tex.  
Ind.

89. bicolor (Lec.) 51-158

B. C.-Ariz.  
So. Cal.

90. dubiosa Horn 96-418  
91. sericea Horn 70-89  
92. subfusca Horn 96-419  
93. lucana (Lec.) 66-167  
94. debilis Horn 96-420

L. Cal.  
Nev. So. Cal.  
So. Ariz.  
L. Cal. So. Cal.  
So. Cal. [Ariz.]

**Rhinoplatia** Horn 68-137  
7795. ruficollis Horn 68-138

So. Cal.

**Asclera** Steph. 39-336  
7796. discolor Lec. 74-70

Wash. Cal.  
Nev.  
Vanc.-So. Cal.

97. nigra Lec. 52-379

98. erythrocephala (Germ.) 24-167

Ky. Ga. Fla.  
L. Sup.-N.  
Mex. Ind.

99. puncticollis (Say) 23-273

7800. ruficollis (Say) 23-271  
carinata (Newn.) 38-378

Pa.-Tex. Ind.  
[Conn.]

01. excavata Lec. 52-158

Cal. Nev.

— rufifrons (Fab.) 87-93

N. Am.

— vestita (Say) 23-273

Mo.

**Chrysanthia** W. Schm. 46-17  
7802. repanda Horn 96-408

D. C. Fla. Tex.  
So. Cal.

## OEDEMERINI

**Sisenes** Champ. 89-111  
7803. championi Horn 94-435

So. Ariz.

## MORDELLIDÆ

Leconte 62; Smith 82, 83; Csiki 15

## MORDELLINI

**Tomoxia** Costa 54-8  
7804. bidentata (Say) 24-277

M. & W. St. O.  
Conn. Ind.

05. lineella Lec. 62-45

M. & W. St. O.  
Fla.

**Tomoxia** Costa  
7806. inclusa Lec. 62-45

W. St. Fla.?

**Glipa** Lec. 57-17  
7807. hilaris (Say) 35-190  
hieroglyphica Sz. 78-372

M. & W. St. O.  
Fla. [Ind.]



**Mordella** L. 58-420

(Sphalera Lec. 59-17)

## I.

7808. quadripunctata (Say) 24-276

09. borealis Lec. 62-46

## II.

10. melæna Germ. 24-169

11. scutellaris Fab. 01-123

atrata Melsh. 46-313

stimulca Mäkl. 75-569

a. lecontei Csiki 15-23

irrorata || Lec. 62-46

12. fuscocinerea Fall 07-254

13. inflammata Lec. 62-46

14. octopunctata Fab. 75-263

15. carinata Smith 83-3

16. perlincata Fall 07-254

17. marginata Melsh. 46-312

lineata Melsh. 46-313

18. lunulata Hellmuth 65-96

obliqua Lec. 78-428

a. deserta Csy. 84-186

19. serval Say 35-191

20. angulata Lec. 78-427

21. oculata Say 35-190

jovialis Lec. 78-428

22. insulata Lec. 59-16

23. immaculata Smith 83-5

24. triloba (Say) 24-276

25. undulata Melsh. 46-316

26. fascifera Lec. 78-427

27. discoidea Melsh. 46-315

28. flaviventris Smith 83-3

**Glipodes** Lec. 62-47

7829. sericans (Melsh.) 46-312

30. helva Lec. 62-48

**Mordellistena** Costa 54-16

7831. erratica Smith 83-80

32. tarsalis Smith 83-80

## I.

33. bicinctella Lec. 62-48

34. confusa Blatch. 10-1316

35. frosti Lilj. 18-156

## IIA.

36. arida Lec. 62-48

37. lutea (Melsh.) 46-315

## IIB.

38. trifasciata (Say) 26-243

nigricollis Hellm. 64-105

39. lepidula Lec. 62-48

40. falli Csiki 15-34

festiva || Fall 07-255

41. limbalis (Melsh.) 46-315

42. elegantula Smith 82-90

43. pratensis Smith 83-80

44. dimidiata Hellm. 64-105

**Mordellistena** Costa

7845. biplagiata Hellm. 64-105

46. intermixta Hellm. 65-96

47. vilis (Lec.) 58-76

48. vapida Lec. 62-49

49. decorella Lec. 62-49

50. bipustulata Hellm. 64-105

51. atriceps Smith 82-86

52. rutila Lilj. 17-10

53. picipennis Smith 82-91

54. pallipes Smith 82-92

55. fulvicollis (Melsh.) 46-315

56. ornata (Melsh.) 46-315

57. militaris Lec. 62-49

58. scapularis (Say) 24-277

59. comata (Lec.) 58-75

picicornis Lec. 62-49

a. cervicalis Lec. 62-49

auricoma Hellm. 65-96

60. aspersa (Melsh.) 46-314

rubrilabris Hellm. 64-105

61. indistincta Smith 82-93

62. tosta Lec. 62-49

63. exilis Lilj. 17-10

64. errans Fall 07-257

65. pallens Fall 07-255

66. inornata Smith 82-93

## IIC.

67. amica Lec. 62-49

68. minuta Smith 82-93

69. picilabris Hellm. 64-105

70. infima Lec. 62-49

71. andreae Lec. 62-50

72. grammica Lec. 62-50

a. varians Lec. 62-50

b. ustulata Lec. 62-50

73. testacea Blatch. 10-1321

74. ancilla Lec. 62-50

75. semiusta Lec. 62-50

76. delicatula Dury 06-251

77. impatiens Lec. 62-50

78. ferruginoides Smith 82-94

79. nigricans (Melsh.) 46-313

nigerrima Hellm. 65-96

80. guttulata Hellm. 64-105

81. ruficeps Lec. 62-50

82. nubila (Lec.) 58-76

83. splendens Smith 82-95

84. rufa Lilj. 17-11

85. floridensis Smith 82-95

## III.

7886. sexnotata Dury 02-176

87. hirticula Smith 83-4

88. pustulata (Melsh.) 46-314

89. convicta Lec. 62-50

90. suspecta Fall 07-256

91. fuscipennis (Melsh.) 46-314

92. pectoralis (Lec.) 50-231

93. morula Lec. 62-50

94. ambusta Lec. 62-50

95. nunenmacheri Lilj. 18-157

96. smithi Dury 02-177

97. singularis Smith 82-96

N. Y. Ind. O.

Ill. N. Y.

Cal. So. Cal.

Fla. N. Y. Pa.

W. St. O. [Ind.

Ill. N. Y. O.

N. Y.

Ill.

N. Y. Ga. O.

N. Y.

Ill. N. J. O.

M. &amp; S. St. Ind.

M. &amp; N. St. O.

M. &amp; W. St.

U. S. Ind. O.

Ariz. So. Cal.

[Fla.

U. S. Ind. O.

So. Cal. Conn.

[Fla.

N. Y.

Ariz. So. Cal.

N. Y. Ga. O.

Ill. [Fla.

N. Mex.

N. Mex.

Tex.

Fla. Ga. Ind. O.

Ga. Fla.

Ill.

So. Cal. O.

M. St.

Fla. Ga. N. Y.

Ind. O.

Fla. M. St.

Ind. O.

Fla. M. &amp; S. St.

Ind. [O.

Ga. N. Y.

M. &amp; S. St. O.

Ohio.

S. C. N. Y.

Ga.

Fla. M. &amp; S. St.

[Ind. O. Ariz.

Ill.

M. &amp; S. St.

Cal. So. Cal.

Fla. Ill.

Ill.

Fla.

Ohio.

Tex.

Fla. U. S. Ind.

Ky. Ind. O. [O.

N. Mex.

M. St.

L. Sup.

Minn. N. Y.

Ind. O.

Ariz. Fla. M. &amp;

S. St. Ind. O.

Or. No. Cal.

Ohio, Ind.

Ga.

**Mordellistena** Costa.

7898. *insolita* Lilj. 17-11 Tex.  
 99. *unicolor* Lec. 62-50 So. Cal. Fla.  
 7900. *sericans* Fall 07-256 U.S. Ariz. Ind.  
 01. *marginalis* (Say) 24-278 N. Mex. [O.  
 Fla. M. & W.  
 St. Ind. O.  
 Kan. Ind.  
 N.Y. [N.Mex.  
 Mo.  
 No. Ill.  
 Tex.  
 Ill.  
 Ia.  
 IV.  
 09. *scalaris* Hellm. 64-105 Ill.  
 10. *pubescens* Fab. 98-127 U. S. Ind. O.  
*hebraica* Lec. 62-51 [Conn.  
*leporina* Lec. 62-51  
*modesta* (Melsh.) 46-314  
 7911. *bihamata* (Melsh.) 46-313 Pa. Ind.  
 12. *liturata* (Melsh.) 46-314 M. & S. St.  
 Ind. O.

**Mordellistena** Costa.

- V.  
 7913. *fuscata* (Melsh.) 46-313 Fla. Pa. N. Y.  
 14. *hoosieri* Blatch. 10-1325 Ind. [Ind. O.  
 15. *pityptera* Lec. 62-51 Pa. Tex.  
 16. *rufescens* Smith 82-97 Nev.  
 17. *cinereo-fasciata* Sm. 82-98 N. Y.  
 18. *masoni* Lilj. 18-157 N. J.  
 19. *æthiops* Smith 82-98 Colo.  
 20. *texana* Smith 82-98 Tex.  
 21. *fusco-atra* Hellm. 64-105 Ill.  
 22. *gigas* Lilj. 17-13 Ill.  
 23. *suturella* Hellm. 64-105 Ill. Ind. O.  
 a. *rufiventris* Hellm. 64-105 Ill.  
 24. *angusta* Lec. 62-51 Ga. (Ariz.?)  
 VI.  
 25. *attenuata* (Say) 26-243 Pa. N. Y. O.  
*vittigera* Lec. 62-51  
 26. *discolor* (Melsh.) 46-313 M. & S. St. O.  
 27. *æmula* Lec. 59-16 Kan. O.  
 — *ferruginea* (Fab.) 01-124 N. Am.  
 — *nigripennis* (Fab.) 98-127 N. Am.  
 — *rufula* Hellm. i litt. N. Am.

## ANASPIDINI

**Diclidia** Lec. 62-43

7928. *lætula* (Lec.) 58-76 Tex. Colo. O.  
 29. *propinqua* Lilj. 18-153 N. Mex.  
 30. *greeni* Lilj. 18-153 Tex.

**Anthobates** Lec. 50-231

- (*Pentaria* Muls. 56-391)  
 7931. *trifasciatus* (Melsh.) 46-312 D. C.-Dak.  
 Ind. Ariz.  
 Tex. N. Mex.  
 Cal. So. Cal.  
 Cal. So. Cal.  
 N. Mex.  
 Tex.  
 N. Mex.  
 32. *fuseulus* Lec. 62-44  
 33. *nubilus* Lec. 59-78  
 34. *hirsutus* Smith 82-76  
 35. *dispar* Lilj. 18-154  
 36. *bicolor* Lilj. 18-155  
 37. *pallidus* Lilj. 18-156

**Anaspis** Geoffr. 62-315

(*Anaspis* s.str. Emery 76-13)

**Anaspis** Geoffr.

7938. *nigrina* Csiki 15-69 L. Sup. N. Y.  
 Vt. H. B. T.  
*nigra* || (Hald.) 48-99 [Nfld.  
 7939. *atrata* Champ. 91-259 Colo. Cal. Mex.  
*atra* || Lec. 51-157 So. Cal.  
 40. *militaris* Smith 82-77 Cal.  
 41. *sericea* Mann. 43-288 Alas. Cal.  
*luteipennis* Lec. 51-157  
 42. *flavipennis* Hald. 48-100 N. Y. Ga. Minn.  
 43. *rufa* Say 26-244 Fla. So. M. W.  
 St. Conn. Ind.  
*filiformis* Lec. 50-231 [Nfld.  
*nigriceps* Lec. 59-88  
*pallescens* Mann. 43-288 Alas.  
 a. *ventralis* Melsh. 46-312 Pa.  
 44. *pusio* Lec. 58-76 So. Cal. Ariz.  
 45. *collaris* Lec. 51-157 Cal. So. Cal.

## RHIPIPHORIDÆ

Gerstæcker 55; Horn 75; Leconte 80; Pierce 04; Csiki 13

## PELECOTOMINI

**Pelecotoma** Fisch. 09-293

7946. *flavipes* Melsh. 46-318 S. C.

**Pelecotoides** Cast. 40-263

7947. *nubilus* Gerst. 55-4 Peru & Tex.

**Toposcopus** Lec. 68-54

7948. *wrighti* Lec. 68-54 N. Mex.

## RHIPIPHORINI

**Macrosiagon** Hentz 30-462

- (*Emenadia* Cast. 40-261)  
 (*Rhipiphorus* || Fab. 92-109)  
 7949. *flavipenne* (Lec.) 66-153 Pa. Ga. Ill.  
 So. Cal. Conn.

**Macrosiagon** Hentz

- abdominale* (Lec.) 66-154 ♀  
 7950. *dimidiatum* (Fab.) 81-332 N. Y. Fla. Mo.  
*marginalis* (Lec.) 66-154 ♂ [Ind.  
 51. *bifoveatum* (Horn) 75-123 Ill.  
 7952. *octomaculatum* (Gerst.) 55-22 Ga. Fla. Kan.  
*bicolor* || (Say) 23-275 [Tex.

?3-maculatus Sz. 78-464 (err. typ.)

- a. *sayi* (Lec.) 58-21 [Fla.  
 b. *puncticeps* (Lec.) 58-20  
 53. *pectinatum* (Fab.) 75-263 N. Y.-Kan. &  
*ambiguum* (Melsh.) 46-317 [So. Ind. Fla.  
*dubium* (Melsh.) 46-316  
*fasciatum* (Melsh.) 46-317  
*nigrum* (Melsh.) 46-317  
*sexmaculatum* (Fab.) 75-263  
 a. *humeralatum* (Fab.) 01-119 S. C.  
 b. *impressum* (Melsh.) 46-316 Pa.  
 c. *longipes* (Melsh.) 46-317 Pa.

### Macrosiagon Hentz

- d. maxillosum (Melsh.) 46-316 Pa.  
e. nigricorne (Fab.) 01-110 S. C.  
f. sanguineolentum (Germ.) 24-169  
g. thoracicum (Melsh.) 46-317 Pa. [S. C.  
h. triste (Fab.) 01-119 S. C.  
i. varicolor (Gerst.) 55-25 S. C.  
j. ventrale (Fab.) 01-120 S. C. Fla.  
7954. cruentum (Germ.) 24-168 Ga.-So. Cal.  
Fla. Ariz. Ind.  
a. rufum (Lec.) 54-225 Cal. So. Cal.  
Ariz.  
55. acutipennis Pierce 04-11 Neb. Mich.  
56. limbatum (Fab.) 92-112 Pa.-Tex. Fla.  
57. lineare (Lec.) 66-154 Ky. [Ind. Conn.]

**Rhipiphorus** Bosc 92-293

(*Dorthisia* Say 23-274)  
(*Myodes* Latr. 18-130)  
(*Myodites* Latr. 19-302)  
(*Rhipidophorus* G. & H. 70-2123)

## Rhipiphorus Bosc

- |  |                  |
|--|------------------|
| 7958. <i>luteipennis</i> Lec. 65-97    | N. Y. N. Mex.    |
| 59. <i>nevadicus</i> (Lec.) 80-211     | Nev. N. Mex.     |
| 60. <i>scmiflavus</i> Lec. 65-97       | Md.              |
| 61. <i>popenoei</i> (Lec.) 80-210      | Kan. Colo.       |
| 62. <i>minimus</i> (Pierce) 04-159     | Neb.             |
| 63. <i>scaber</i> Lec. 52-67           | N. Mex. Okla.    |
| 64. <i>vierecki</i> (Fall) 07-259      | N. Mex. Ariz.    |
| 65. <i>solidaginis</i> (Pierce) 02-293 | Neb.             |
| 66. <i>californicus</i> (Lec.) 80-211  | Cal. So. Cal.    |
| 67. <i>fasciatus</i> (Say) 23-274      | Pa. Ill. Mo.     |
|  | Ind. Conn.       |
| <i>americanus</i> (Guér.) 44-369       |                  |
| a. <i>brunneus</i> (Pierce) 04-160     | Neb.             |
| 68. <i>schwarzi</i> (Lec.) 80-211 ♂    | Fla.             |
| <i>zeschi</i> (Lec.) 80-211 ♀          | N. Y.            |
| 69. <i>walshi</i> Lec. 65-97           | Ill. N. Y.       |
| 70. <i>stylopides</i> (Newn.) 38-376   | Can. N. Y. D. C. |
| — <i>flavicornis</i> (Say) 23-274      | Pa.              |

## RHIPIDIINI

**Rhipidius** Thunb. 06-5

(*Symbius* Sundevall 31-1222)

- 7970 $\frac{1}{2}$ . *pectinicornis* Thunb. 06-5  
*blattarum* Sund. 31-1222 Eur.N.A.†

## MELOIDÆ

(*Lyttidæ* <sup>1</sup>)

Leconte 53, 66, 80; Horn 73, 75, 85, 91; Casey 91; Fall 01; Wellman 10

MELOINÆ

## MYLABRINI

**Cordylospasta** Horn 75-152

7971. *fulleri* Horn 75-152 Nev.

LYTTINI

*Lyttides*

- |   |               |
|---|---------------|
| <b>Pyrota</b> Lec. 62-273               |               |
| 7792. <i>mylabrina</i> Chev. 34-3       | Mex. & Ariz.  |
| <i>concinna</i> Csy. 91-174             | W. Tex.       |
| a. <i>terminata</i> Lec. 66-159         | Kan. Colo.    |
|   | & Westw. Ut.  |
| 73. <i>engelmanni</i> (Lec.) 51-91      | Mo.-Tex. Ind. |
| 74. <i>punctata</i> Csy. 91-173         | W. Tex. Ariz. |
|   | N. Mex.       |
| 75. <i>postica</i> Lec. 66-160          | Tex.-Mex.     |
|   | Ariz.         |
| 76. <i>tenuicostata</i> Dug. 80-60      | Mex.-Tex.     |
| <i>dubitabilis</i> Horn 85-113          | Mex. Border,  |
| <i>vittigera</i> ‡ (Lec.) 58-22         | [Tex.         |
| <i>rufipennis</i> Chev. 35-80           |               |
| 77. <i>obliquefascia</i> Schffr. 08-320 | Ariz.         |
| 78. <i>akhurstiana</i> Horn 91-42       | N. Mex. Ariz. |
| 79. <i>insulata</i> (Lec.) 58-22        | Tex.          |
| 80. <i>dakotana</i> Wickh. 03-73        | S. Dak.       |
| 81. <i>germari</i> (Hald.) 46-303       | Md. N. C. Va. |
| 82. <i>discoidea</i> (Lec.) 53-338      | Tex. [Ga.     |

## Pyrota Lec.

- |                                      |                        |
|--------------------------------------|------------------------|
| 7983. <i>divergata</i> Villada 67-15 | Mex. Tex.              |
| 84. <i>trochanterica</i> Horn 94-439 | L. Cal.                |
| 85. <i>invita</i> Horn 85-114        | Tex.                   |
| a. <i>limbalis</i> Lec. 66-160       | Va. Fla.               |
| 86. <i>lineata</i> (Oliv.) 95-14     | Ga. Tex. La.<br>Fla.   |
| 87. <i>bilineata</i> Horn 85-115     | Colo. Ariz.<br>N. Mex. |
| 88. <i>sinuata</i> (Oliv.) 95-9      | S. C. Fla. La.         |
| afzeliana (Fab.) 01-78               |                        |
| — <i>infirmata</i> ?                 | Tex.                   |
| <b>Pomphopœa</b> Lec. 62-273         |                        |
| 7989. <i>polita</i> (Say) 23-302     | Ga. S. C. Fla.         |
| a. <i>femoralis</i> Lec. 53-336      | La. Fla.               |
| 90. <i>sayi</i> Lec. 53-336          | Ill. Can. Tex.         |
| ænea var: Say 24-288                 | Ill. [Conn]            |
| pyrivorâ Fitch 56-354                | N. Y.                  |
| 91. <i>ungicularis</i> Lec. 66-160   | Ill. Conn.             |
| 92. <i>texana</i> Lec. 66-161        | Tex.                   |

† Introduced.

<sup>1</sup> *Meloe* L. dates from 1758: *Lytta* Fab. dates from 1775. Wellman prefers the name *Lyttidæ* for the family because the genus *Lytta* is the typical one of the family, but this reason seems insufficient to overcome the priority of *Meloe*. *Cantharidæ* has also been used, but improperly as the earliest use of *Cantharis* is in a different family.



**Pomphopœa** Lec.

7993. *ænea* (Say) 23-301 Pa. Ill. Tex.  
Ind. Conn.  
Mo.  
Ill.  
Tex.  
*nigricornis* Lec. 48-90  
*tarsalis* Bland 64-71  
*filiformis* Lec. 48-91

**Epicauta** Redt. 45-621

7994. *sanguinicollis* Lec. 53-344 Fla.  
95. *albolineata* (Sturm) Dug. 77-64  
*duplicata* Csy. 91-172 Ariz.  
A.  
96. *oblita* Lec. 51-162 So. Cal. Or.  
97. *puncticollis* (Mann.) 43-288 Or.-So. Cal. Id.  
98. *trichrus* (Pallas) 81-100 Ind. Pa.-Tex.  
*convolvuli* (Melsh.) 48-53 [Can.  
99. *merkeliana* Horn 91-43 Ariz.  
8000. *strigosa* (Gyll.) 17-18 Pa.-Ga. Fla.  
*nigricornis* (Melsh.) 48-53  
01. *watsoni* Blatch. 18-58 Fla.  
02. *batesi* Horn 75-153 Ga.-Fla. N. J.  
03. *heterodera* Horn 91-43 No. Fla.  
04. *ferruginea* (Say) 23-298 Ind. Dak.-  
N. Mex. Ariz.  
Can.  
05. *sericans* Lec. 66-158 Ariz. Kan.  
*?immerita* Walk. 66-330 [N. Mex. Or.  
06. *pruinosa* Lec. 66-158 Kan.-Utah.  
07. *callosa* Lec. 66-158 Dak.-Tex.  
B.  
08. *caviceps* Horn 73-99 Ariz.  
09. *rileyi* Horn 74-37 Ariz.  
10. *straba* Horn 91-42 So. Cal.  
11. *ruidosana* Fall 07-258 N. Mex.  
C.  
12. *pedalis* Lec. 66-157 L. Cal. Tex.  
13. *insignis* Horn 85-110 Ariz. [Ariz.  
14. *nigritarsis* Lec. 53-340 Tex.  
15. *ingrata* Fall 07-258 N. Mex.  
16. *pardalis* Lec. 66-157 Ariz. Tex.  
17. *maculata* (Say) 23-298 N. Mex. Dak.  
Or. Ill. So. Cal.  
[Ariz.  
*conspersa* Lec. 53-340  
18. *vittata* Fab. 75-260 M. St. Can.  
Ind. Conn. Ia.  
*chapmani* (Woodh.) 00-214  
19. *lemniscata* Fab. 01-279 Fla. So. St. Ill.  
20. *abadona* Skin. 04-217 Ariz. [Kan.  
21. *alastor* Skin. 04-217 Ariz.  
22. *stuarti* Lec. 68-54 N. Mex. Kan.  
23. *wheeleri* Ulke 75-812 Ariz. [Colo.  
24. *cinerea* (Forst.) 71-62 M. St. Ind.  
*clematides* (Woodh.) 00-213 [Conn.  
*fimbriata* (Thunb.) 91-109  
a. *marginata* (Fab.) 75-260 Conn. Ind.  
25. *cupreola* Dug. 69-112 Ariz. Mex.  
26. *oregona* Horn 75-153 Or. [Tex.  
27. *funebis* Horn 73-102 Tex.  
28. *levettei* Csy. 91-171 Colo.  
29. *melanochroa* Wellm. 10-24  
*nigra* || Dug. 69-161 Mex. (U.S.?)  
30. *fissilabris* Lec. 50-232 L. Sup. H. B. T.  
31. *fallax* Horn 85-111 So. Cal.  
32. *corvina* Lec. 58-21 Colo. Ariz.  
33. *pennsylvanica* (DeG.) 75-15 M. St. Tex.  
Can. Conn.  
*atrata* (Fab.) 75-260 [Ind.  
*coracina* (Ill.) 04-171  
*nigra* (Woodh.) 00-213  
*morio* Lec. 53-447

**Epicauta** Redt.

8034. *maura* Lec. 51-162 Cal. So. Cal.  
35. *alphonsei* Horn 74-38 Cal. So. Cal.

**Macrobasis** Lec. 62-272

(Apterospasta † Lec. 62-272)

8036. *albida* (Say) 23-305 Kan. Colo.  
*luteicornis* Lec. 54-84 ♂ Tex. [N. Mex.  
37. *longicollis* (Lec.) 53-343 Tex. Ariz.  
*sublineata* (Lec.) 53-447 ♀ Tex. [N. Mex.  
38. *atrivittata* (Lec.) 54-224 Tex. Ariz.  
N. Mex.  
39. *purpurea* Horn 85-108 Ariz.  
40. *virgulata* Lec. 66-156 L. Cal.  
41. *torsa* (Lec.) 53-343 Tex. Mass.  
Ind.  
42. *unicolor* (Kby.) 37-241 Ind. Can.-Ga.-  
Ariz. Conn.  
Fla.  
*cinerea* (Fab.) 98-119  
*fabricii* (Lec.) 53-343  
42½. *debilis* (Lec.) 53-344 L. Sup.  
*murina* (Lec.) 53-344  
43. *excors* Fall 09-166 L. Cal.  
44. *flavocinereus* Blatch. 10-1359  
Ind.  
45. *tenuis* (Lec.) 53-343 Ga. Fla.  
46. *tenuilineata* Horn 94-436 L. Cal. Ariz.  
47. *linearis* (Lec.) 58-23 Tex.  
48. *languida* Horn 95-252 L. Cal.  
49. *ochrea* (Lec.) 53-342 Tex. Ariz.  
50. *gissleri* Horn 78-58 N. Mex.  
51. *lauta* Horn 85-108 Ariz.  
52. *tenella* (Lec.) 58-23 Tex. Ariz.  
53. *immaculata* (Say) 23-301 Ind. Kan. Colo.  
*articularis* (Say) 23-301 [Tex. Ariz.  
*fulvescens* (Lec.) 53-447  
54. *segmentata* (Say) 23-303 Kan. Tex. Ariz.  
N. Mex. Mont.  
La.  
*valida* (Lec.) 58-39  
— *boreii* Dug. 89-50 Tex.?
- Lytta** Fab. 75-260  
(Cantharis || Geoff. nec L.)  
I.  
8055. *euccra* Chev. 34-56 Mex. Tex.  
56. *mutilata* Horn 75-155 Ariz.  
57. *peninsularis* Fall 01-300 L. Cal.  
58. *quadrinaculata* Chev. 34-79 Mex. Tex.  
59. *vulnerata* (Lec.) 51-159 So. Cal. Nev.  
*angulicollis* Dug. 89-105 [Or.  
a. *cooperi* Lec. 54-18 Cal. Wash. Id.  
60. *margarita* Fall 01-300 L. Cal. Is.  
61. *magister* Horn 70-90 So. Cal. Ariz.  
62. *deserticola* Horn 70-90 Ariz. N. Mex.  
63. *pilsbryi* Skin. 06-217 Tex.  
64. *morosa* Fall 01-301 So. Cal.  
65. *melæna* Lec. 58-76 Ariz. L. Cal.  
So. Cal.  
66. *nuttalli* Say 23-300 Kan. Colo.  
Mont. Wy.  
Can.  
*fulgifer* (Lec.) 51-90  
67. *cyanipennis* Lec. 51-160 Utah-Or. Can.  
*salicis* Lec. 53-333  
68. *viridana* Lec. 66-162 Kan.-Man.  
69. *tenebrosa* Lec. 51-160 So. Cal.

**Lytta** Fab.

8070. ulkei Beaugregard 89-212 Nev. E. Cal.  
 lugubris || Ulke 75-812 No. Cal.  
 71. blaisdelli Fall 09-166 So. Cal. L. Cal.  
 72. childi Lec. 57-52 Cal.  
 73. funerea Fall 01-301 Ariz. Colo.  
 74. puberula Lec. 66-162 Ariz.-Mont.  
 75. biguttata Lec. 53-332

## II.

76. suavissima Wellm. 10-24 N. Mex. Ariz.  
 gentilis || Horn 83-311 So. Cal.  
 77. moerens Lec. 51-216 So. Cal.  
 78. insperata Horn 74-39 So. Cal.  
 79. molesta Horn 85-111 Kan. Colo.  
 80. reticulata Say 23-305 Ariz. [N. Mex.  
 81. agrestis Fall 01-302 Tex.  
 82. cribrata Lec. 53-447 Colo. Tex.  
 83. fulvipennis Lec. 53-331 cardinalis ‡ Lec. 53-447 (nec Chev.) Mex. Tex.  
 84. dichroa Lec. 53-332 lecontei Heyden So. Cal.  
 85. occipitalis Horn 83-312 So. Cal.  
 86. incommoda Horn 83-312 nunnenmacheri Wellm. 12-36 No. Cal.  
 87. stolidi Fall 01-302 Cal.  
 88. stygica (Lec.) 51-161 So. Cal. Or.  
 a. smaragdula Lec. 51-160 Cal. [Wash.  
 b. dolosa Lec. 61-354 No. Cal.  
 89. arborea Wellm. 12-34 So. Cal.  
 90. purpurascens Fall 01-302 Cal.  
 91. chloris Fall 01-303 Cal.  
 92. nigripilis Fall 01-303 Cal. L. Cal.  
 93. auriculata Horn 70-91 Cal. [So. Cal.  
 94. refulgens Horn 70-91 So. Cal.  
 95. æneipennis (Lec.) 51-160 So. Cal.  
 96. crotchii Horn 74-38 So. Cal.  
 97. difficilis Fall 01-303 So. Cal.  
 98. nitidicollis Lec. 51-160 So. Cal. L. Cal.  
 99. lugens (Lec.) 51-161 So. Cal.  
 8100. hoppingi Wellm. 12-35 Cal.  
 01. rathvoni Lec. 56-335 Cal.

## III.

02. sphæricollis Say 23-299 Kan.-E. Wash.  
 chalybea (Lec.) 51-160 Or.  
 03. infidelis Fall 01-303 Wash. Or. Cal.  
 04. compressicornis Horn 70-91 So. Cal.  
 05. convexa Lec. 53-336 Tex. Colo.

**Pleuropompha** Lec. 62-273

8106. costata Lec. 54-84 Tex.

**Gnathospasta** Horn 75-154

8107. mimetica Horn 75-154 Tex.

**Tetraonyx** Latr. 33-160

8108. frontalis Chev. 33-14 Tex.  
 09. dubiosa Horn 94-440 L. Cal.  
 10. femoralis Dug. 70-104 Mex. Ariz.  
 11. fulva Lec. 53-344 Ariz. Tex.  
 N. Mex.  
 12. quadrimaculata Fab. 75-50 Ga. S.C. Fla.

*Calospastides***Phodaga** Lec. 58-76

8113. alticeps Lec. 58-77 Mex. Ariz.  
 So. Cal.

**Negalius** Csy. 91-175

8114. marmoratus Csy. 91-175 W. Tex. L. Cal.  
 Ariz.

**Eupompha** Lec. 58-21

8115. fissiceps Lec. 58-21 Tex.

**Tegrodera** Lec. 51-159

8116. erosa Lec. 51-159 So. Cal. L. Cal.  
 a. aloga Skin. 03-168 Ariz.  
 b. inornata Blaisd. 18-334 Ariz.  
 17. latecincta Horn 91-44 So. Cal.

**Pleuropasta** Wellm. 09-20

8118. mirabilis (Horn) 70-121 S. W. Utah,  
 Ariz. So. Cal.

**Calospasta** Lec. 62-273

8119. histrionica Horn 91-100 So. Cal.  
 20. viridis Horn 83-312 Colo. N. Mex.  
 21. elegans (Lec.) 51-161 So. Cal.  
 a. humeralis Horn 70-93 So. Cal.  
 22. perpulchra Horn 70-92 So. Cal.  
 23. decolorata Horn 94-437 L. Cal.  
 24. schwarzi Wellm. 09-23 Cal.  
 25. sulcifrons Champ. 92-394 Mex. Ariz.?  
 26. fulleri Horn 78-59 So. Cal.  
 27. mæsta Horn 78-59 So. Cal.  
 28. morrisoni Horn 91-102 So. Cal.  
 29. nemognathoides Horn 70-92 So. Cal. Ariz.  
 30. wenzeli Skin. 04-217 Ariz.  
 31. imperialis Wellm. 12-37 Cal.

## MELOINI

*Gynæcomelodides***Gynæcomeloe** Wellm. 10-217

(*Gynapteryx* Wellm. 09-19 nec Fairm.)

8132. opaca (Horn) 68-139 So. Cal.

*Cysteodemides***Cysteodemus** Lec. 51-158

8133. armatus Lec. 51-158 So. Cal. Ariz.  
 34. wislizeni Lec. 51-158 N. Mex. Ariz.

**Megetra** Lec. 59-127

8135. vittata Lec. 53-330 N. Mex. Ariz.  
 cancellata ‡ Lec. nec Br.&Er. 32-141 Mex.

*Apterospastides***Poreospasta** Horn 67-139

8136. polita Horn 67-139 Cal.

**Henous** Hald. 52-377

8137. confertus (Say) 23-281 Mo. Tex.  
 techanus Hald. 52-377

*Meloides***Meloe** L. 58-419

8138. montanus Lec. 66-155 Mont.  
 39. tinctus Lec. 66-155 Neb.  
 40. carbonaccus Lec. 66-155 Neb.  
 41. afer Bland 64-70 Neb.  
 42. impressus Kby. 37-242 Can. M. St.  
 a. niger Kby. 37-241 Can. [Ind.  
 americanus Br.&Er. 32-118  
 43. opacus Lec. 61-354 Cal.  
 44. barbarus Lec. 61-354 So. Cal. Is.  
 45. perplexus Lec. 53-329 Pa.  
 46. strigulosus Mann. 52-349 Alas. Cal.  
 (So. Cal.?)

**Meloe L.**

8147. angusticollis Say 23-280 Pa. Can. Ind.  
       rugipennis Lec. 53-328 M.St.  
 48. americanus Leach 15-251 Ga. Can. Ind.  
       angusticollis ‡ Lec. 53-328 M. St.  
 49. mœrens Lec. 53-328 N.Y.  
 50. lævis Leach 15-249 W.I.  
       sublævis Lec. 54-84 N. Mex. Ariz.

**Nomaspis Lec. 66-156**

8151. parvula (Hald.) 52-377 Utah, N. Mex.  
       52. sublævis Horn 67-140 Cal.

**ZONITINÆ****SITARINI****Hornia Riley 77-564**

8153. minutipennis Riley 77-564 Mo.  
       54. gigantea Wellm. 11-16 Kan.

**Leonidia Ckll. 00-11**

- (*Leonia* || Dugès 89-211)  
 8155. neomexicana Ckll. 99-416 N. Mex.

**ZONITINI***Zonitides***Zonitis Fab. 75-126**

8156. atripennis Say 23-306 Ark. N. Mex.  
       57. flavida Lec. 53-349 N.Mex.So.Cal.  
       58. bilineata Say 17-22 M.&W.St.Ind.  
       lineata Melsh. 46-53 [Minn. Conn.  
       mandibularis Melsh. 46-53  
       59. sulcicollis Blatch. 10-1357 Ind.  
       60. longicornis Horn 70-93 Ill. Fla.  
       61. martini Fall 07-257 N. Mex.  
       62. vigilans Fall 07-257 Cal.  
       63. rufa Lec. 54-85 Tex.  
       64. vittipennis Horn 75-155 Ariz.  
       65. californica Wickh. 05-171 Cal.  
       66. vermiculatus Schffr. 05-138 Utah.

*Nemognathides***Gnathium Kby. 18-425**

8167. francilloni Kby. 18-426 Ga.  
       flavicolle Lec. 58-23 Tex.  
       68. minimum Say 23-306 Ark. Kan. Tex.  
       N. Mex. Ariz.  
       69. longicolle Lec. 58-77 Tex.  
       70. texanum Horn 70-94 Tex. Ariz.  
       71. nitidum Horn 70-95 So. Cal. Ariz.

**Nemognatha Ill. 07-333**

8172. lurida Lec. 53-345 Kan. Ariz.  
       decipiens Lec. 53-347 Or.  
       73. apicalis Lec. 53-345 Cal. So. Cal.  
       ?bicolor || Walk. 66-331 Vanc. [Ariz.  
       walkeri Beaur. 89-212  
       74. lutea Lec. 53-346 Kan. Ariz. Cal.  
       pallens Lec. 53-346 Cal. [(So. Cal?)  
       75. bicolor Lec. 53-345 Kan. Colo. Tex.  
       discolor Lec. 58-77 Tex.  
       76. dichroa Lec. 53-346 Mont. Or. Cal.  
       Ariz.?  
       77. dubia Lec. 53-346 So. Cal. Or.  
       78. palliata Lec. 53-346 L. Sup. Mont.  
       79. piezata Fab. 98-104 Ga. Atl.-Mont.  
       Fla. Ariz.?

**Nemognatha Ill.**

- vittata Fab. 01-24  
       texana Lec. 53-347 Tex.  
 8180. punctulata Lec. 53-347 Ga.  
       a. flavipennis Uhler 55-418 Va. Ind.  
       81. nigripennis Lec. 53-347 N.Mex.So.Cal.  
       82. nemorensis Hentz 30-258 Ala. M. S. W.  
       bimaculata Melsh. 46-54 St. Ind. Fla.  
       83. cribraria Lec. 53-348 N. Y.  
       84. scutellaris Lec. 53-347 M. W. St.  
       85. immaculata Say 17-22 N. Mex.  
       sayi Wickh. 05-171 So. Cal. Utah.  
       86. bridwelli Wellm. 12-38 Kan. Colo. N.-  
       87. punctipennis Lec. 80-214 [Mex. Ariz.  
       88. dunniana Csy. 91-170 So. Cal.  
       89. sparsa Lec. 68-53 Ariz.  
       90. zonitoides Dug. 74-47 Tex.  
       91. vittigera Lec. 53-348 Colo. N. Mex.  
       92. perforata Csy. 91-170 Ariz.  
       93. cribricollis Lec. 53-348 Mex. Tex.  
       porosa Lec. 53-349 Ariz. Ill. Mo.  
       fuscipennis Lec. 53-349 Ind. Tex.  
       — calceolata Guér. 29-136 S. & W. St. Tex.  
       Ind. Ariz.  
       Ga.  
       Mo.  
       N. Am.

*Tricranides***Tricrania Lec. 60-320**

8194. sanguinipennis (Say) 23-279 Pa. Ct. Ind.  
       95. murrayi Lec. 60-320 Or.

**Tricraniodes Wellm. 10-219**

8196. stansburyi (Hald.) 52-377 Utah.

*Horides***Horia Fab. 87-164**

8197. auriculata Champ. 92-372 C. Am. Mex.  
       [Ariz.  
       maculata ‡ Lec. & Horn 83-417 nec Swed.

**EURYSTETHIDÆ** (*Aegialitidæ*)

Wickham 04; Borchmann 10; Van Dyke 18

**Eurystethus Seidl. 16-127**

- (*Aegialites* || Mann. 53-180)  
 (Elosoma ‡ auct. nec Mots. 45-33)  
 8198. californicus (Mots.) 45-33 Alas.

**Eurystethus Seidl.**

- debilis (Mann.) 53-180  
 8199. fuchsi (Horn) 92-143 Cal.  
 8200. subopacus Van D. 18-308 Cal.



## PYTHIDÆ

Leconte 68; Horn 68, 88; Wickham 99

<b>Sphalma</b> Horn 72-150		<b>Trimitomerus</b> Horn 88-44	
8201. quadricollis Horn 72-151	Cal.	8207. riversi Horn 88-45	Ariz.
<b>Lecontia</b> Champ. 93-453		<b>Cononotus</b> Lec. 51-137	
( <i>Crymodes</i>    Lec. 50-234)		8208. macer Horn 68-136	Cal. So. Cal.
8202. discicollis (Lec.) 50-233	Can. L. Sup.	09. punctatus Lec. 51-138	So. Cal.
		10. sericans Lec. 51-137	So. Cal.
<b>Pytho</b> Latr. 96-23		<b>Salpingus</b> Gyll. 10-640	
8203. niger Kby. 37-164	Lab. Can.	8211. virescens Lec. 50-232	L. Sup. Ind.
	N. Eng.		Can. Lab.
04. planus Hbst. 97-14	Eur. & N.Am.	12. alternatus Lec. 59-285	No. Cal. Or.
americanus Kby. 37-165	Can.-N. C. O.	13. tibialis Lec. 66-168	Kan. [N. H.
	Mich. Wis.	14. elongatus Mann. 52-350	Alas.
deplanatus Mann. 53-268	Alas. [Kan.		
?depressus (L.) 66-675	Eur. Sib.		
05. strictus Lec. 66-168	Can. Pa.	<b>Rhinosimus</b> Latr. 05-231	
<b>Priognathus</b> Lec. 50-233		8215. æneirostris Mann. 53-45	Alas.
8206. monilicornis (Rand.)	Can.Me.Vanc.	16. pallipes Boh. 58-112	Cal. (?)
sahlbergi Mann. 43-285	Alas.	17. viridiæneus Rand. 38-23	Me. Ind. Can.
		nitens Lec. 66-168	Me. Can.

## PYROCHROIDÆ

Leconte 55; Horn 88; Blair 14

<b>Ischalia</b> <sup>1</sup> Pasc. 60-54		<b>Schizotus</b> Newn.	
( <i>Eupleurida</i> Lec. 73-335)		8223. californica Horn 91-45	So. Cal.
8218. costata (Lec.) 66-142	N.Y.-N.C.	24. cervicalis Newn. 38-375	L. Sup. N. Y.
	Ind. Md. Va.		Ind. Conn.
19. vancouverensis Harr. 92-132	[L. Sup.	<b>Dendroides</b> Latr. 10-212	
	Vanc. Id. Cal.	8225. bicolor Newn. 38-375	Can.-Fla. Ind.
<b>Neopyrochroa</b> Blair 14-315		canadensis Lec. 55-275	M. S. & W. St.
( <i>Pyrochroa</i> Geoffr. 62-338)			Conn.
8220. flabellata Fab. 98-105	M. St. Conn.	26. concolor Newn. 38-375	Can.M.&N.St.
	Ind.		Ind. Conn.
21. femoralis Lec. 55-274	M.&W.St.Ind.	27. picipes Horn 80-154	No.Cal.-Wash.
	Conn.	28. ephemeroides (Mann.) 52-348	Alas.-Wash.
<b>Schizotus</b> Newn. 38-375			L.Sup. Can.
8222. fuscicollis Mann. 54-301	Sib. Alas.	?testacea Lec. 55-275	

## PEDILIDÆ

Leconte 55; Horn 71, 83; Pic 11; Fall 15

## PEDILINI

<b>Pedilus</b> Fisch. 22-35		<b>Pedilus</b> Fisch.	
( <i>Corphyra</i> Say 35-189)		8238. punctulatus (Lec.) 51-151	Cal. Nev.
8229. flabellatus (Horn) 83-306	Nev. Cal.	a. funebris (Horn) 71-286	Cal. [Wash.
30. crotchii (Horn) 74-41	Cal.	39. oregonus Fall 15-24	Or. No. Cal.
31. abnormis (Horn) 74-40	Cal.Nev.Colo.	40. cavatus Fall 15-25	Cal. [Wash.
32. infectus Fall 15-17	So. Cal.	41. flexiventris Fall 15-26	So. Cal.
33. longilobus Fall 15-18	Cal. Wash.	42. alticola Fall 15-27	Cal.
34. serratus Fall 15-19	Cal.	43. canaliculatus (Lec.) 66-143	Ohio, Ind.
35. monticola (Horn) 74-41	Cal. Nev.	44. elegans (Hentz) 30-257	Mich. Dak.
36. arizonensis Fall 15-21	Ariz. [Mont.		Ind.
37. bardi (Horn) 74-42	So. Cal.	45. terminalis (Say) 27-247	M.St.O.Mich.
a. distinguendus (Horn) 74-42	So. Cal.	guttulus (Newn.) 38-375	[Ind.

<sup>1</sup> It is doubtful whether this genus belongs in Pyrochroidæ, but there is no authority for placing it elsewhere.

**Pedilus** Fisch.

8246. lewisi (Horn) 71-281 Colo.  
 a. variabilis (Horn) 83-308 Colo. Mont.  
 47. fulvipes (Newn.) 38-375 N. Mex.  
 48. newmani (Lec.) 55-274 N.Y. O. Mich.  
 lugubris || (Newn.) 38-375 Can. Ind.  
 49. cyanipennis (Bland) 64-264 Me. N.Y. Can.  
 50. labiatus (Say) 27-247 N.H. Va.  
 infumatus (Hentz) 30-257 M.St. O. Dak.  
 a pulcher (Lec.) 48-84 [Ind.  
 51. lugubris (Say) 27-246 O.-Mont. Ind.  
 imus (Newn.) 38-375 M.St. O. Can.  
 [Ind.]

**Pedilus** Fisch.

- inornatus (Rand.) 38-23  
 nigricans (Ziegl.) 44-46  
 8252. collaris (Say) 27-246 M. St. Ind. Ct.  
 infumatus (Lec.) 50-83  
 marginicollis (Ziegl.) 44-47  
 rufithorax (Newn.) 38-375  
 53. brunneus (Blatch.) 10-1331 Ind.  
 54. inconspicuus (Horn) 74-42 Cal. Nev. So.-  
 a. flavidus Fall 15-28 Cal. [Cal.  
 55. picipennis Fall 15-29 Cal.  
 56. vittatus (Horn) 71-279 Cal.  
 57. lineatus Fall 15-31 So. Cal.  
 — impressus (Say) 27-248 N. Am.

## EURYGENIINI

**Eurygenius** Laf. 48-1

- (*Retocomus* Csy. 95-628)  
 8258. wildi Lec. 55-270 Ky. Ind.  
 59. murinus Hald. 43-304 Atl. St.  
 60. constrictus Lec. 51-151 So. Cal.  
 61. gratus Csy. 95-629 Cal.  
 62. decorellus Csy. 95-629 Cal.  
 (*Pergetus* Csy. 95-636)  
 63. campanulatus Lec. 74-69 Vanc.  
 — wilat Lacord. 59-578 N. Am.

**Stereopalpus** Laf. 48-4

8264. mellyi Laf. 48-5 Atl. St. Ind.  
 65. vestitus (Say) 23-273 Atl. St. Ind.  
 badiipennis Lec. 55-271 Mich.  
 66. pruinus Lec. 74-69 So. Cal.  
 67. incanus Csy. 95-632 So. Cal.

**Stereopalpus** Laf.

8268. variipes Csy. 95-633 No. Cal.  
 69. indutus Csy. 95-633 No. Cal.  
 70. nimius Csy. 95-634 So. Cal.  
 71. rufipes Csy. 95-634 Ind.  
 72. guttatus Lec. 55-271 Wy. Or.  
 73. impressicollis Csy. 95-635 No. Cal.  
 74. subalbicans Csy. 95-636 Cal.

**Leptoremus** Csy. 04-314

8275. argenteus Csy. 04-315 Cal.

**Mastoremus** Csy. 95-630

8276. longicornis Csy. 95-631 Ariz.

**Bactrocera** Lec. 66-143

8277. concolor Lec. 66-143 L. Cal.

## MACRATRIINI

**Macratia** Newn. 38-377

8278. confusa Lec. 55-272 Ind. Conn.  
 79. murina (Fab.) 01-91 Ind.  
 linearis Newn. 38-377 Ohio

**Macratia** Newn.

8280. ovicollis Csy. 95-638 N. Y.  
 81. brunnea Csy. 95-638 Tex.

## INCERTÆ SEDIS

(*Nematoplina* Csy. 95-626)

**Nematoplus** Lec. 55-270

8282. collaris Lec. 55-275 Mich.

## ANTHICIDÆ

Laferté 48; Leconte 52; Horn 84; Casey 95; Pic 11

**Notoxus** Geoffr. 62-356

- (*Ceratoderus* Blanch. 46-40)  
 (*Monocerus* Fald. 37-106)  
 (*Nothoxus* Redt. 58-636)  
 (*Notoxys* Seidl. 90-546)  
 8283. bicolor Say 24-10 Atl. St. Ind.  
 murinipennis Lec. 51-170  
 84. schwarzi Horn 92-47 Utah.  
 85. talpa Laf. 48-50 Mont.-Tex. Ill.  
 ?elegantulus Laf. 48-52 [Colo. Ind.  
 subtilis Lec. 52-93  
 86. nuperus Horn 84-168 Kan. N. Mex.  
 87. nuperoides Fall 16-33 N. Mex. [Ariz.  
 88. caudatus Fall 02-257 N. Mex.  
 89. bifasciatus Lec. 52-89 Can.-Ariz. Ind.  
 90. balteatus Csy. 95-759 Ariz.

**Notoxus** Geoffr.

8291. brevicornis Fall 16-34 Ariz.  
 92. montanus Csy. 95-760 Colo. N. Mex.  
 Ariz.  
 93. similis Fall 16-37 Colo. N. Mex.  
 94. microcerus Csy. 95-760 Ariz.  
 95. spatulifer Csy. 95-761 So. Cal.  
 96. denudatus Horn 84-167 Cal. So. Cal.  
 97. debilitans Csy. 95-762 So. Cal.  
 98. conformis Lec. 51-152 So. Cal. Ariz.  
 sparsus Lec. 59-284 So. Cal.  
 99. lustrellus Csy. 95-763 Cal.  
 8300. brevisculus Fall 16-35 Cal.  
 01. nevadensis Csy. 95-763 Nev.  
 02. anchora Hentz 27-375 Atl.-Colo. Ind.  
 03. humboldti Csy. 95-764 No. Cal.

**Notoxus** Geoffr.

8304. monodon Fab. 01-289 Fla. Atl.-L.  
 testaceus Laf. 48-302 [Cal. Ind. Ct.  
 a. decoloratus Laf. 48-302  
 b. pilatei Laf. 48-297 Tex. Fla.  
 05. austinianus Csy. 95-765 Tex.  
 06. filicornis Csy. 95-766 Fla.  
 07. dinocerus Csy. 95-766 Tex.  
 08. desertus Csy. 95-767 Ariz.  
 09. constrictus Csy. 95-768 Cal. So. Cal.  
 10. robustus Csy. 95-768 Cal. So. Cal.  
 11. serratus Lec. 52-90 Kan.-Or. Ariz.  
 digitalis Lec. 76-518  
 12. alamedæ Csy. 95-769 Cal. So. Cal.  
 13. pictus Csy. 95-770 Wash.  
 14. apicalis Lec. 52-93 Mich.-Kan.  
 monodon† Lec. 52-90 [Tex. Cal.  
 a. marginatus Lec. 52-93  
 15. cavicornis Lec. 51-152 So. Cal. Nev.  
 16. pallidus Fall 16-35 Ariz.  
 17. intermedius Fall 16-38 So. Cal.  
 18. calcaratus Horn 84-167 Tex. Ariz. Nev.  
 L. Cal. So. Cal.  
 19. delicatus Csy. 84-189 N. J.  
 20. arizonensis Fall 16-36 Ariz.  
 21. planicornis Laf. 48-89 Fla.

**Mecynotarsus** Laf. 48-57

8322. candidus Lec. 75-175 Fla. Va. S. C.  
 23. flavicans Csy. 95-772 N. J. [Ut. Ind.  
 24. delicatulus Horn 68-137 So. Cal. Ariz.  
 25. elegans Lec. 75-175 Fla.

**Formicilla** Lec. 51-152

- (*Formicus* Lec. 61-266)  
 (?*Formicomus* Laf. 48-70)  
 8326. scitula (Lec.) 52-94 S. C. Fla.  
 27. munda Lec. 51-152 So. Cal.  
 28. evanescens Csy. 95-646 Tex.  
 29. gilensis Csy. 95-647 Ariz.  
 30. punctata Pic 04-491 ?

**Dilandius** Csy. 95-642

8331. myrmecops Csy. 95-643 So. Ill. Ind.  
 32. unicus Csy. 95-643 Fla.

**Tomoderus** Laf. 48-94

8333. interruptus Laf. 48-97 Ind. Ky. Ia.  
 abbreviatus Csy. 95-648 [Fla.  
 a. bilobus Laf. 48-98  
 34. constrictus (Say) 27-244 N. Y. R. I. Ind.  
 Mich. Fla.  
 N. C.  
 35. impressulus Csy. 95-649

**Amblyderus** Laf. 48-62

8336. obesus Csy. 95-743 So. Cal.  
 37. albicans Csy. 95-744 So. Cal.  
 38. parviceps Csy. 95-744 So. Cal.  
 39. gracilentus Csy. 95-745 Cal.  
 40. granularis (Lec.) 50-231 L. Sup.  
 41. punctiger Csy. 95-747 L. Sup.  
 42. pallens (Lec.) 50-231 Fla. L. Sup. Ind.  
 a. arenarius Csy. 95-748 R. I. [Wis.

**Anthicus** Payk. 98-253<sup>1</sup>

- (*Baulius* Csy. 95-650)  
 8343. tenuis Lec. 51-153 W. Tex.-So.  
 Cal. Ariz.

**Anthicus** Payk.

- (*Liobaulius* Csy. 04-316)  
 8344. subtropicus Csy. 04-317 Tex.  
 45. lulingensis Csy. 04-317 Tex.  
 46. spectans Csy. 04-317 Tex.  
 (*Malporus* Csy. 95-651)  
 47. formicarius Laf. 48-185 R. I.-Ia. (So.  
 Cal.)  
 Ill. Ia. Ind.  
 Ia. Ind.  
 L. I.  
 (*Nathicus* Csy. 95-655)  
 51. virginiae Csy. 95-655 Va.  
 (*Lappus* Csy. 95-656)  
 52. pinalicus Csy. 95-658 Ariz. So. Cal.  
 53. obscurus Laf. 48-116 Pa. N. C. Ind.  
 Cal.  
 54. vigilans Csy. 95-659 Tex. Ariz.  
 55. cursor Csy. 95-660 S. W. Utah.  
 56. alacer Csy. 95-660 Ariz.  
 57. nubilatus Csy. 95-661 Tex.  
 58. lividus Csy. 95-662 N. C. Ind. Ct.  
 59. sturmi Laf. 48-304  
 elegans || Laf. 48-117  
 60. nitidulus Lec. 51-153 Cal.  
 61. asperulus Csy. 95-664 Or.  
 62. canonicus Csy. 95-664 So. Cal.  
 63. ornatellus Csy. 95-665 Ariz.  
 64. vividus Csy. 95-666 Ariz.  
 65. bipartitus Csy. 95-666 So. Cal. Ariz.  
 66. turgidicollis Csy. 95-667 So. Cal.  
 67. subtilissimus Pic 96-31 N. Mex.  
 subtilis || Csy. 95-667  
 68. animatus Csy. 95-668 Ariz.  
 69. solivagans Csy. 95-668 Ariz.  
 70. gibbithorax Pic 94-21 Tex.  
 (*Cyclodinus* Muls. & Rey 66-104)  
 (*Thicanus* Csy. 95-670)  
 8371. texanus Laf. 48-301 Tex.  
 72. rejectus Lec. 52-97 N. J. Del. Ct.  
 73. mimus Csy. 95-672 Wy. N. Mex.  
 74. californicus Laf. 48-128 Cal. So. Cal.  
 annectens Lec. 52-97 [Ariz.  
 75. franciscanus Csy. 95-673 Cal.  
 (*Vacusus* Csy. 95-674)  
 76. vicinus Laf. 48-157 So. St. Fla.  
 fulvomicans Qued. 86-122  
 lætus Laf. 48-157  
 77. supplex Csy. 95-676 Ariz.  
 78. monitor Csy. 95-677 La. Tex.  
 79. confinis Lec. 51-153 Tex.-So. Cal.  
 80. nigrutilus Lec. 51-154 Cal. [Ariz.  
 81. arcanus Csy. 95-679 Wash.  
 82. desertorum Csy. 95-680 Ariz.  
 83. prominens Csy. 95-680 Ariz.  
 84. formicetorum Wasm. 94-221  
 Colo.  
 85. suspectus Csy. 95-682 Colo.?  
 (*Euvacusus* Csy. 04-318)  
 86. coloradanus Csy. 04-319 Colo.  
 (*Omonadus* Muls. & Rey 66-104)  
 (*Hemantus* Csy. 95-682)  
 87. floralis (L.) 58-420 Cosmop. Ind.  
 Ariz. Fla. Ct.  
 Ind.  
 basillaris Say 24-279

<sup>1</sup> Following Pic, in the absence of later authority, the subdivisions of *Anthicus* are treated as subgenera; but Casey has maintained their validity as genera, in which he is supported by Champion, who even suggests that more may be required, after correcting possible errors in the reversal of sexual characters.



**Anthicus Payk.**

8388. enodis Csy. 95-684 Cal.  
 89. scenicus Csy. 95-685 R. I.  
 90. rixator Csy. 95-686 Tex.-N. Mex.  
 (*Acanthinus* Laf. 48-136)  
 91. spinicollis Laf. 48-138 Brazil. Tex.  
 92. trifasciatus Fabr. 01-291 S. Thomas.  
 Fla.  
 (*Anthicus* s. str.)  
 93. horridus Lec. 51-154 Ariz.-Mex.  
 94. rufulus Lec. 51-155 So. Cal.  
 95. cribratus Lec. 52-98 Cal. So. Cal.  
 96. hecate Csy. 95-693 Cal. So. Cal.  
 97. ephippium Laf. 48-163 Atl.-Colo. Ind.  
 difficilis Lec. 50-230 Fla. [Ariz.  
 confusus Lec. 52-99  
 98. simiolus Csy. 95-694 Vanc.  
 99. luteolus Lec. 51-154 So. Cal. Ariz.  
 8400. pinguescens Csy. 95-696 Cal. So. Cal.  
 01. flavicans Lec. 52-99 Ia. Wy. Mont.  
 02. scabriceps Lec. 50-230 L. Sup. Ind.  
 03. compositus Csy. 95-698 L. I. [Nfld.  
 04. nigrinus Mann. 53-269 Alas.  
 05. oviscollis Csy. 95-699 So. Cal.  
 06. biguttulus Lec. 51-155 Cal. So. Cal.  
 Ariz.  
 07. hastatus Csy. 95-701 Wy. Nev.  
 08. protectus Csy. 95-702 Cal.  
 09. solidus Csy. 95-703 Ariz.  
 10. subcalvus Csy. 95-703 S.W. Utah.  
 11. coracinus Lec. 52-103 L. Sup.  
 12. monticola Csy. 95-705 Wy.  
 13. cephalotes Csy. 95-705 Vanc.  
 14. punctulatus Lec. 51-155 Cal. So. Cal.  
 15. decrepitus Csy. 95-707 Or.  
 16. mercurialis Csy. 95-707 Cal.  
 17. cervinus Laf. 48-181 N.Y. Id. Tex.  
 bifasciatus || Say 27-245 [Ind. Conn.  
 bizonatus Laf. 48-274  
 terminalis Lec. 50-230  
 18. gilensis Csy. 95-709 Ariz.  
 19. præceps Csy. 95-709 Cal.  
 20. seminotatus Csy. 95-710 So. Cal.  
 21. caseyi Pic 96-31 N. Mex.  
 parallelus || Csy. 95-710  
 22. ancilla Csy. 95-711 Nev.  
 23. thomasi Pic 96-31 Ind.  
 sodalis || Csy. 95-712  
 24. heroicus Csy. 95-712 Ind.  
 25. haldemani Lec. 52-100 Pa. Ind.  
 4-guttatus || Hald. 46-304  
 26. stellatus Csy. 95-714 Wy.  
 27. auriger Csy. 95-714 Cal.  
 28. saucius Csy. 95-715 Ia.  
 29. vulneratus Csy. 95-715 So. Ariz.  
 30. junctus Csy. 95-716 N. Mex. Ariz.  
 31. decorellus Csy. 95-717 Tex.  
 32. nanus Lec. 51-156 So. Cal. Ariz.  
 33. vagans Csy. 95-718 Id. Mont. Wy.  
 34. peninsularis Csy. 95-719 L. Cal.  
 35. nympha Csy. 95-719 Tex.  
 36. obliquus Csy. 95-720 So. Cal.  
 37. innocens Csy. 95-721 Ariz.

**Anthicus Payk.**

8438. inscitus Csy. 95-721 Cal. Nev.  
 39. amœnus Csy. 95-722 Cal.  
 40. obscurellus Lec. 51-155 Cal. Or.  
 41. militaris Csy. 95-724 Cal. So. Cal.  
 42. bellulus Lec. 51-156 So. Cal.-Tex.  
 43. helvinus Csy. 95-725 Cal. [Ariz.  
 44. lutulentus Csy. 95-725 Tex.  
 45. agilis Csy. 95-726 Wy.  
 46. herifuga Csy. 95-726 Cal. So. Cal.  
 47. mundus Csy. 95-727 Wy.  
 48. melancholicus Laf. 48-174 Mass. N.C. Ind.  
 facilis Csy. 85-190 Pa. [L. Sup.  
 spretus Lec. 52-101 Fla.  
 latebrans Lec. 52-101 Fla.  
 49. ictericus Laf. 48-149 S. C.  
 50. convexulus Csy. 95-729 So. Cal.  
 51. maritimus Lec. 51-156 Mex. Fla. Tex.  
 52. currax Champ. 90-246 Fla.  
 floridanus Csy. 04-320 Colo.  
 53. plectrinus Csy. 04-320 Guat. Ariz.?  
 — lecontei Champ. 90-246 Mex. U.S.?  
 — lugubris Laf. 48-217 Mex. U.S.?  
 — squamosus Laf. 48-216 Tex.  
 — impressipennis Laf. 48-300 U. S.  
 — exilis Laf. 48-121 U. S.  
 — pallidus Say 27-245 U. S.  
 — politus Say 27-246 U. S.  
 — cæsiognatus Boh. 58-104 not U. S.  
 — troglodytes Boh. 58-105 not U. S.  
 — amplicollis Boh. 58-106 not U. S.  
 — nitidus Boh. 58-105 not U. S.  
 — atomarius Boh. 58-106 not U. S.  
 (*Sapintus* Csy. 95-732)  
 54. pubescens Laf. 48-177 R. I. N. Y. Ia.  
 55. rusticus Csy. 95-734 Ia. [Ind.  
 56. fulvipes Laf. 48-177 Fla. Tex. La.  
 57. colonus Csy. 95-736 Del. [Ind.  
 58. hispidulus Csy. 95-736 Tex.  
 59. pusillus Laf. 48-178 Fla. La.  
 60. corticalis Lec. 51-154 So. Cal.  
 61. festinans Csy. 95-739 Colo. Ia.  
 62. binominatus Pic 96-31 Mich.  
 mollis || Csy. 95-740  
 63. timidus Csy. 95-741 Fla.  
 — quadrilunulatus Laf. 48-201 Mex. Ariz.  
 — ruficollis Saunders 34-65 U. S.?  
 — thoracicus Laf. 48-158 N. Am.?  
 U. S. Fla.?

**Tanarthrus Lec. 51-156**

8464. salinus Lec. 51-156 So. Cal.  
 (*Tanarthropsis* Csy. 95-751)  
 65. brevipennis Csy. 95-751 Ariz.  
 66. nubifer Csy. 95-752 Utah.  
 tricolor Csy. 95-753 Utah.  
 67. virginalis Wickh. 06-168 Utah.  
 68. mormon Wickh. 06-169 Utah.  
 69. inyo Wickh. 06-169 So. Cal.  
 70. salicola Lec. 75-174 Utah, Nev.  
 71. densus Csy. 95-754 Utah, Nev.  
 72. infernalis Wickh. 06-171 So. Cal.  
 73. alutaceus Lec. 51-155 So. Cal.

## EUGLENIDÆ

(Hylophilidæ) (Xylophilidæ)

Leconte 78; Casey 95; Pic 10; Seidlitz 16

**Elonus** Csy. 95-774

8474. princeps Csy. 95-775 Can.  
 75. basalis (Lec.) 55-276 Va. Ill. Fla.  
 76. nebulosus (Lec.) 75-175 Pa. Ind. Fla.

**Emelinus** Csy. 95-177

8477. melsheimeri (Lec.) 55-275 Ill. Pa. Ind.  
 78. ashmeadi Csy. 95-178 Fla. [Fla.]

**Zonantes** Csy. 95-179

8479. nubifer (Lec.) 78-425 Fla.  
 80. signatus (Hald.) 48-97 S.C. Fla.  
 81. subfasciatus (Lec.) 75-176 R.I. D.C. N.C.  
 82. hubbardi Csy. 95-782 D.C. [Ind. Fla.]  
 83. schwarzi Csy. 95-783 Fla.  
 84. fasciatus (Melsh.) 46-55 Pa. Ind. Fla.  
 85. tricuspid Csy. 95-784 Ia.  
 86. ater (Lec.) 75-175 Tex. Fla.

**Phomalus** Csy. 95-785

8487. brunnipennis (Lec.) 75-176 D.C. Ind. So.  
 88. saginatus Csy. 95-787 Cal. [Cal.]

**Ariotus** Csy. 95-788

8489. quercicola (Sz.) 78-371 Fla.  
 subtropicus Csy. 95-789 Fla.

**Pseudariotus** Csy. 95-790

8490. notatus (Lec.) 55-276 Ga. Mts.  
 a. amicus Csy. 95-791 Fla.

**Vanonus** Csy. 95-791

8491. calvescens Csy. 95-793 Wis.  
 92. piceus (Lec.) 55-276 Pa. N. Y. Wis.  
 93. tuberculifer (Horn) 92-279 Ont. [(Fla.?)  
 94. vigilans Csy. 95-795 N. Y.  
 95. fusciceps Csy. 05-163 N. Y.

**Vanonus** Csy.

8496. congener Csy. 05-163 Wis.  
 97. huronicus Csy. 95-796 Mich.  
 98. sagax Csy. 95-796 Fla.  
 floridanus Csy. 95-797 Fla.  
 99. brunnescens (Fall) 01-258 So. Cal.  
 8500. wickhami Csy. 95-797 Wis.

**Tanilotes** Csy. 95-798

8501. densus Csy. 85-187 Pa.  
 02. lacustris Csy. 95-799 Wis.

**Scanylus** Csy. 95-800

8503. pruinosis Csy. 95-801 Ariz.  
 caseyi Pic 96-52  
 8504. luteolus Csy. 95-801 Fla.

**Ganascus** Csy. 95-803

8505. ventricosus (Lec.) 75-176 N.C. (Fla.?)  
 06. opimus Csy. 95-805 Tex.  
 07. palliatus Csy. 95-806 Fla.

**Sandytes** Csy. 95-806

8508. ptinoides (Sz.) 78-371 Fla.

**Axylophilus** Csy. 95-808

8509. yuccæ Csy. 95-809 Fla.  
 (?Xylophilus Curtis 30-299)  
 (?Adetus Westw. 29-57)  
 (?Euglenes Westw. 29-59)  
 10. nucleus (Fall) 01-259 So. Cal.  
 11. constrictus (Fall) 01-259 So. Cal.

**Gnopus** Champ. 93-460

8512. impressus (Lec.) 75-175 Tex. Fla.

## ELATEROIDEA

(Sternoxia)

CEROPHYTIDÆ<sup>1</sup>

Hyslop 17

**Cerophytum** Latr. 09-375

- (Chorea Hald. 46-150)  
 8513. convexicollis Lec. 66-388 Cal.

**Cerophytum** Latr.

8514. pulsator (Hald.) 46-150 Pa.

## CEBRIONIDÆ

Leconte 53; Horn 81; Schenkling 11; Dalla Torre 12; Hyslop 17

**Cebrio** Oliv. 90-5

- (Anachilus Lec. 63-86)  
 8515. mandibularis (Lec.) 63-86 Fla.  
 16. bicolor Fab. 01-14 S. & W. St. Fla.  
 confusus Lec. 53-504 Ga.  
 simplex Lec. 53-503 Ga.

**Cebrio** Oliv.

8517. compositus Fall 07-233 N. Mex.  
 18. antennatus Schfr. 16-107 Ark.  
 19. emarginatus Schfr. 16-108 N. Mex.  
 20. estriatus Horn 81-83 Tex.

<sup>1</sup> The arrangement of this and succeeding families of Elateroidea (= Sternoxia) with the exception of the Rhipiceridæ follows the larval studies of Mr. Hyslop, who has read the mss.

**Scaptolenus** Lec. 53-504

8521. lecontei (Sallé) Chev. 74-510 Tex.  
       femoralis† Lec. 53-504  
 22. estriatus Lec. 75-55 Tex.

**Scaptolenus** Lec.

8523. ocreatus Horn 81-85 Tex.  
       — californicus Chev. 74-524 Mex. Cal.?  
       — gehini Chev. 74-523 Mex. Tex.?

**PLASTOCERIDÆ**

Leconte 53; Horn 81; O. Schwarz 07; Fall 10

**Euthysanius** Lec. 53-502

8524. lautus Lec. 53-503 So. Cal. Ariz.  
       25. pretiosus Lec. 66-86 So. Cal.

**Octinodes** Cand. 63-487

(Plastocerus† auct. nec Schaum)

8526. schaumii (Lec.) 53-502 So. Cal.  
       27. frater (Lec.) 59-703  
       macer (Horn) 81-79  
       28. granti (Schfr.) 16-266 Tex.  
       29. megalops (Fall) 10-138 So. Cal.

**Eniconyx** Horn 85-51

8530. gracilis Horn 85-51 N. Mex.  
       31. pullatus Horn 85-51 Ariz.

**Aplastus** Lec. 59-73

(Anamesus Lec. 66-73)

8532. angusticollis Horn 74-25 Cal. So. Cal.

**Aplastus** Lec.

8533. tenuiformis Horn 74-25 Cal.  
       34. corymbitoides Horn 74-25 Cal. So. Cal. Ariz.  
       35. speratus Lec. 59-73 Cal. So. Cal.  
       36. optatus Lec. 61-349 Cal.  
       37. convexitollis (Lec.) ♀ 66-393 Cal.  
       38. molestus Horn 74-27 Cal. So. Cal.

**Euplastius** O. Schwarz 03-60

8539. athoiformis O. Schw. 03-61 Ala.  
       40. athoides O. Schw. 03-62 Cal.

**Aphricus** Lec. 53-501

8541. californicus Lec. 53-501 So. Cal.  
       42. luteipennis Fall 07-232 N. Mex.

**RHIPICERIDÆ**

Haldeman 53; Horn 81

**Zenoa** Say 35-152

8543. picea (Beauv.) 05-7 Fla.  
       brunnea Say 35-152 Ind.  
       vulnerata Lec. 47-89

**Sandalus** Knoch 01-131

8544. petrophya Knoch 01-131 Pa.-Ill. Ind.  
       fulvus ♀ Cast. 34-236 [Fla.  
       proserpina Newn. 39-383  
       brevicollis ♀ Melsh. 44-220  
       45. porosus Lec. 68-52 Tex. N. Mex.  
       Fla.

**Sandalus** Knoch

8546. niger Knoch 01-140 M. St.-Tex.  
       rufipennis Latr. 29-461 [Ind.  
       rubidus ♀ Melsh. 44-220  
       knochii Guér. 29-4  
       scabricollis ♀ Hald. 53-363  
       47. californicus Lec. 61-349 Cal. Nev. So. Cal.

**Vesperoctenus** Bates 91-159<sup>1</sup>

8548. flohri Bates 91-160 Mex. L. Cal.

**ELATERIDÆ**

Leconte 1853; Candèze 1857-63; Otto Schwarz 1906-07

**PYROPHORINÆ**

## PYROPHORINI

*Agrypnina***Agrypnus** Esch. 29-32

8549. sallei Lec. 53-491 La. Tex. Fla.  
       50. schotti Lec. 53-491 Tex.  
       51. arizonæ Cand. 96-5 Ariz.

**Adelocera** Latr. 29-401

8552. sparsa Cand. 65-6 Cal. So. Cal.  
       53. aurorata (Say) 39-181 N. H.  
       54. impressicollis (Say) 25-260 M. W. St. Ind.  
       lepturus (Say) 39-182  
       senilis Germ. 40-259  
       55. rorulenta Lec. 59-283 Wash.

**Adelocera** Latr.

8556. pyrsolepis Lec. 66-389 N. Mex.  
       57. brevicornis Lec. 53-491 L. Sup. Nev. Wis.  
       58. obtecta (Say) 39-181 N. C. Me. Vt.  
       59. profusa Cand. 57-54 Or. [Ind.  
       vetusta Walk. 66-324 Vanc.  
       60. marmorata (Fab.) 90-227 So. St. Ind. Fla. Conn.  
       61. discoidea (Web.) 01-77 M. & S. St. Ind.  
       cruenta (Oliv.) 95-42 [Conn.  
       pennata (Fab.) 01-239 M. S. St.  
       ornaticollis Cast. 37-248 N. Am.

<sup>1</sup> *Vesperoctenus* is placed in Lepturini by some authorities, but apparently without good reasons.



**Adelocera** Latr.8562. *avita* (Say) 39-182Wis. O. Ind.  
Fla.63. *modesta* Boisd. 32-108  
*maculata* Lec. 66-389W. I. U. S.  
Pa. D. C.**Lacon** Cast. 36-118564. *rectangularis* (Say) 25-263

Mo. Ind. Fla.

65. *curtus* (Lec.) 53-491

Ga. Fla.

*mucoreus* (Lec.) 53-491

Ga.

66. *illimis* Horn 94-366

Cal.

**Meristhus** Cand. 57-1628567. *cristatus* Horn 71-299

Tex. So. Cal.

68. *scobinula* Cand. 57-164

Tex. Mex.

*texanus* Horn 71-299*setarius* Chev. 67-*Hemirhipina*

Hyslop 1918

**Alaus** Esch. 29-33*(Calais* Cast. 36-9)8569. *luscus* Hope 32-363

Mex.

*gorgops* Lec. 58-35

Kan. Tex.

70. *zunianus* Csy. 93-584

Ariz.

71. *oculatus* (L.) 56-651Ind. Atl. St.-  
Tex. Fla.*luscus* (Fab.) 75-284

Tex.

72. *myops* (Fab.) 91-222Ind. M. & So.  
St. Fla.73. *canadensis* Cand. 89-11

Can. Vt.

74. *melanops* Lec. 66-83

Cal. So. Cal.

*naja* Cand. 68-1875. *patricius* (Cand.) 57-242

Cuba, Fla.

*luscus*† Oliv.**Hemirhipus** Latr. 29-4028576. *fascicularis* (Fab.) 87-171

Md.-Fla. Mex.

*venosus* Cast. 35-234

N. C. Tex.

*Chalcolepidina*

Fall 1898; Casey 1907; Hyslop 1918

**Chalcolepidius** Esch. 29-338577. *webbi* Lec. 54-223

Ariz. So. Cal.

*substriatus* O. Schw. 06-97

Ariz.

a. *snowi* Csy. 07-31

Ariz.

*idoneus* Csy. 07-31

Ariz.

*arizonicus* Csy. 07-31

Ariz.

*abdominalis* Csy. 07-32

Ariz.

78. *simulans* Csy. 07-32

Ariz.

79. *acuminatus* Csy. 07-32

Ariz.

80. *apacheanus* Csy. 91-16

Ariz.

81. *nobilis* Csy. 07-32

Ariz.

82. *tartarus* Fall 98-238

Ariz. So. Cal.

*parallelus* O. Schw. 06-98

Ariz.

83. *rubripennis* Lec. 61-336

L. Cal.

84. *viridipilis* (Say) 25-257Pa. O. So. St.  
Tex.*prasinus* Er. 41-8585. *debilis* Csy. 07-34

N.C. D.C.

86. *rectus* Csy. 07-34

Ariz.

87. *smaragdinus* Lec. 54-223

So. Cal. Ariz.

88. *ostentus* Csy. 07-34

Ariz.

89. *behrensi* Cand. 86-70

Mex. Ariz.

*aurulentus* Cand. 74-163

So. Cal.

**Oistus** Cand. 57-3388590. *cdmonstoni* Hyslop 18-127

Or.

*Pyrophorina*

Hyslop 1918

**Pyrophorus** Ill. 09-1418591. *texanus* Hyslop 18-9

Tex. Ariz.

92. *arizonicus* Hyslop 18-8

Ariz. N. Mex.

93. *physoderus* Germ. 42-36

Ala. Fla.

94. *atlanticus* Hyslop 18-8

Fla.

*Monocrepidina*

Hyslop 1918

**Monocrepidius** Esch. 29-31*(Conoderus* Esch. 29-31)*(Oophorus*† Melsh. 44-214)8595. *xysticus* Cand. 59-225

Tex.

96. *lividus* (DeG.) 74-162

Ind. W. I. So.

*castaneus* (Oliv.) 90-30

[St. Fla. Ariz.]

*castanipes*† (Hbst.) 06-23*lobatus* (Say) 23-17597. *aversus* Lec. 53-482

Ga.

98. *parallelus* Cand. 59-246

Mex. Ariz.

99. *suturalis* Lec. 53-482

Ala. Ind.

8600. *lepidus* Lec. 53-485

Ga.

01. *vespertinus* (Fab.) 01-240

Ind. Mex. M.

*finitimus* (Say) 39-179

S. St. Ct. Ariz.

*serotinus* Germ. 39-227

Fla.

a. ?*texanus* Cand. 59-262

Tex.

*peninsularis* Cand. 89-26

Fla.

02. *scissus* Schfr. 09-378

Ga.

03. *debilis* (Lec.) 78-405

Fla.

04. *athoides* Lec. 66-84

Tex. Ariz.

05. *mutuus* Horn 71-312

Ariz.

06. *robustus* Horn 71-311

Ariz.

07. *auritus* (Hbst.) 06-145

Ind. N. Y. Ga.

*crassicolis* (Melsh.) 44-214

[L. Sup. Ct.]

*dilectus* (Say) i. litt.08. *caseyi* Leng 18-206

N. J.

*finitimus* || Csy. 84-170

Ind. M. &amp; W. St.

09. *bellus* (Say) 25-168

[Conn.]

*variegatus* Steinh. 75-12310. *similis* Schfr. 09-436

Tex.

*texanus* || Schfr. 09-379

Ga.

11. *blandulus* Lec. 53-483

Cal.

*puberulus* Mann. 43-240

Ala.

*varians* Steinh. 75-121**Heteroderes** Latr. 34-1558612. *sordidus* (Lec.) 53-482

N. Mex. Ariz.

*latus* Cand. 89-31**Aeolus** Esch. 29-338613. *amabilis* (Lec.) 53-485

Md. O. Tex.

— *elegans* (Fab.) 92-230

Ind. Ariz. M.

— *circumscriptus* (Germ.) 24-46

&amp; So. St.

*(Drasterius*† auct. nec Esch.)

W. I. U. S.?

14. *dorsalis* (Say) 23-167

Mex. U. S.?

*elegans*† auct. nec Fab.

Ind. Ariz.

15. *comis* (Lec.) 53-484

Cal.

*marginicollis* (Horn) 71-308*variegatus* (Boh.) 58-6916. *livens* (Lec.) 53-484

Ariz. So. Cal.





**Ludius Esch.**

8710. *fusculus* (Lec.) 63-48  
    *angustulus* || Mots. 53-375 Nov. Helv.  
11. *jaculus* (Lec.) 53-447 So. Cal.  
12. *cribrosus* (Lec.) 53-443 Cal.  
    *subcanaliculatus* (Mots.) 53-375  
13. *obscurus* (Lec.) 53-442 Cal.  
14. *protractus* (Lec.) 59-85 Or.  
15. *pyrrhos* (Hbst.) 06-30 M.S. & W. St.  
    *vagans* (Melsh.) 46-153 Ind. Conn.  
    *æqualis* (Melsh.) 46-153 ♀ Ala.  
    *pyrrhicus* (Hald.) 43-313 ♀ Ala.  
16. *jouteli* (Dow.) 13-77 No. Cal.  
17. *bivittatus* (Melsh.) 46-219 M. S. W. St.  
    *Ind.*  
18. *horni* O. Schw. 07-316  
    *longicornis* || (Horn) 70-79 N. C.  
19. *linearis* (Fall) 10-132 Cal.  
20. *macer* (Fall) 10-133 Cal.  
21. *cylindriformis* (Hbst.) 06-93  
    *M. St. Ind. Ct.*

	( <i>Campylus</i> Fisch. 23-453)	
8698.	<i>productus</i> (Rand.) 38-8	Me. L. Sup.
99.	<i>denticornis</i> (Kby.) 37-145	Man. L. Sup.
	<i>flavinasus</i> (Melsh.) 46-219	
		Me. Pa. Nfld.
8700.	<i>fulvus</i> Mots. 59-386	Cal.? Alas. H.
	? <i>variabilis</i> Esch. 29-33	Sib. [B. T.]

— antigai Buys. 95-407      Eur.<sup>1</sup>

## 8702. quadricollis (Say) 39-186 Ind. O.

**Perissarthron** Hyslop 18-1

8703. *trapezium* (Lec.) 66-392 Tex.  
*trapezicollis* (O. Schw.) 03-60

(*Corymbites* Latr. 34-150)

- |       |                                  |                        |
|-------|----------------------------------|------------------------|
|       | ( <i>Ctenicera</i> Latr. 29-403) |                        |
| 8704. | kendalli (Kby.) 37-143           | L. Sup. H.B.T.<br>Man. |
|       | anchorago (Rand.) 38-5           | Me.N.H.Mich.           |
| 05.   | virens (Schränk) 81-317          | Eur. & N. Am.          |
|       | aeneicollis Oliv. 92-264         | [Nfld.                 |
|       | virescens (L.) ed. Gmel. 88-1906 |                        |
| 06.   | vernalis (Hentz) 27-374          | Ind.Can.M.S.<br>W. St. |

\*\*\*

- |                                   |               |
|-----------------------------------|---------------|
| 07. resplendens (Eschl.) 29-34    | Can. Nfld.    |
| aerarius (Rand.) 38-7             | L.Sup. Me.    |
| racinei (Chev.) 52-578            | Nfld.         |
| a. viridis (Say) 25-255           |               |
| 08. sjaelandicus (Müller) 64-21   | Eur. & Sib.   |
| nubilus (Schrank) 86-46           | N.Am.         |
| tesselatus (Fab.) 92-211          | N. Eng. N. Y. |
| micans (Germ.) 43-62              | Can.          |
| cuprascens (Lec.) 53-44           | Mich. N. J.   |
| a. assimilis (Gyll.) 08-394       | N.Y. & N.Eng. |
| 09. atropurpureus (Melsh.) 46-215 | N. Y.         |
|                                   | Pa.           |

- appressifrons (Say) 25-267 ♂  
 brevicornis (Say) 25-265 ♀  
 parallelipipedus (Germ.) 43-66 ♀  
 submetallicus (Germ.) 43-72 ♀  
 22. copei (Horn) 71-319 Va. O.  
 23. teres (Lec.) 66-392 Cal.  
 24. furtivus (Lec.) 53-442 Or.  
 25. limoniiformis (Horn) 71-320 Dak.  
 26. floridanus (Cand.) 89-51 Fla.  
 27. fulvipes (Bland) 64-354 Va.  
 28. signaticollis (Melsh.) 46-216 M.&So.St.Ind.  
 29. appressus (Rand.) 38-11 Me.  
 mirificus (Lec.) 50-228 L. Sup.  
 30. volitans (Esch.) 29-34 N. Am.  
 31. vulneratus (Lec.) 66-86 Can.  
 32. umbricola (Esch.) 29-34 Alas. Vanc.  
 33. caricinus (Germ.) 43-63 Cal.  
 lobatus (Mann.) 43-243  
 telum (Lec.) 53-445 Or.  
 rudis (Mots.) 59-377 Alas.  
 34. elongaticollis (Ham.) 93-305 Can. Pa.  
 35. truculentus (Cand.) 89-50 (non Csy.) Cal.  
 36. xanthomus (Horn) 71-319 Cal.  
 37. moerens (Lec.) 66-392 Or.  
 38. tarsalis (Melsh.) 46-157 Nfld.Md.Mass.  
 Ind.  
 39. spinosus (Lec.) 53-447 L. Sup. Can.  
 Lab. Nfld.  
 40. rufipennis (Fall) 10-134 Cal.  
 41. insidiosus (Lec.) (53-)447 L. Sup. Can.  
 42. lutescens (Fall) 10-134 Alb. B. C.  
 43. angularis (Lec.) 53-449 Or. B. C.  
 44. mendax (Lec.) 53-448 L. Sup. Can.  
 45. falsificus (Lec.) 53-448 ?  
 46. umbripennis (Lec.) 57-46 Or.  
 a. gracilior (Lec.) 63-49  
 nubilipennis || (Lec.) 53-441 Or.  
 47. opaculus (Lec.) 66-392 Or.  
 \*\*\*  
 48. sulcicollis (Say) 39-168 M. So. St. Ind.  
 parallelus || (Say) 25-256 [Conn.  
 49. nigricans (Fall) 10-135 Cal.

<sup>1</sup> The number 8701 is omitted because the species to which it was assigned does not occur in U.S.



**Ludius Esch.**

8750. rupestris (Germ.) 43-66 Or.  
 51. morulus (Lec.) 66-85 Can.  
     brunnipes (Bland) 64-67  
 52. monticola (Horn) 71-319 Cal.  
     gracilis (Cand.) 89-51  
 53. sagitticollis (Esch.) 29-34 Alas.  
 54. angusticollis (Mann.) 43-271 Alas.  
     fraternus (Lec.) 69-379 Vanc.  
 56. ochreipennis (Lec.) 66-85 Cal.  
 57. trivittatus (Lec.) 53-443 So. St.  
 58. colossus (Lec.) 61-348 Cal.  
 59. maurus (Lec.) 53-444 Or. So. Cal.  
 60. anthrax (Lec.) 61-343 Cal.  
 61. æthiops (Hbst.) 06-70 M. St. Ind. Ct.  
     nigrans (Cast.) 35-241  
     laevigatus (Hbst.) 06-45  
 62. hamatus (Say) 39-170 N. J. Ind.  
 63. propola (Lec.) 53-437 L. Sup. N. Y.  
     furcifer (Lec.) 53-438 L. Sup.  
     nubilis (Lec.) 53-438 Cal.  
 64. nigricollis (Bland) 64-68 Colo.  
 65. exclamationis (Fall) 10-135 Cal.  
 66. triundulatus (Rand.) 38-12 Me. L. Sup.  
     nebraskensis (Bland) 64-355  
     undulatus† auct.  
 67. tigrinus (Fall) 01-306 Cal.  
 68. planulus (Lec.) 78-460 Colo. N. Mex.  
 69. medianus (Germ.) 43-71 Man.  
     rubidipennis (Lec.) 53-437 L. Sup.  
 70. acutipennis (Germ.) 43-70 Mich.  
 71. fallax (Say) 39-170 L. Sup. Can.  
     bombycinus (Germ.) 70-43 [N. H. So. Cal.  
     semiluteus (Lec.) 53-445 Cal.  
 72. mirabilis (Fall) 01-306 Cal.  
 73. candezei Leng 18-205  
     elegans || (Cand.) 82-97 Cal.  
     \*\*\*\*  
 74. leucaspis (Germ.) 43-73 Or. So. Cal.  
 75. elegans (Kby.) 37-150  
     appropinquans (Rand.) 38-5 Me.  
     tinctus (Lec.) 59-85 Or.  
 76. splendens (Zieg.) 44-44 Pa. L. Sup.  
 77. æreipennis (Kby.) 37-150 L. Sup. [Man.  
 78. nigricornis (Panz.) 99-5 Eur. Sib.  
     metallicus (Payk.) 03-19 N. Am.  
     nitidulus (Lec.) 53-438 H. B. T. Colo.  
     aratus (Lec.) 53-439 Mass.  
     inflatus (Say) 25-258 ♂ L. Sup.  
     simillimus (Mots.) 59-374 L. Sup. Nfld.  
 81. crassus (Lec.) 53-440 ♀ S. & W. St. Pa.  
 82. glaucus (Germ.) 43-76<sup>1</sup> Ind. Ct.  
 83. carbo (Lec.) 53-439 Ky. Pa.  
     lateralis (Lec.) 53-439 Or. Cal.  
 84. breweri (Horn) 71-321 Or.  
 85. pruininus (Horn) 71-320 Cal.  
     pruinosulus O. Schw. 07-316 Neb. Cal. So.-  
     [Cal.]  
 86. obversus (Horn) 71-322 Cal.  
 87. conjungens (Lec.) 53-440 Cal.  
 88. noxius (Hyslop) 14-69 Wash.  
 89. praeses (Horn) 71-321 Mont.  
 90. lecontei (Cand.) 81-94 Cal.

**Ludius Esch.**

8791. rotundicollis (Say) 25-259 Vt. Pa. Ind.  
     diversicolor (Esch.) 29-34 Cal.  
     russicollis (Germ.) 43-74  
     a. sticticus (Germ.) 43-74  
 92. urostigma (Cand.) 89-50 Cal.  
 93. cruciatus (L.) 58-404 Eur. & N. Am.  
     pulcher (Lec.) 53-440 N. H. Vt. Can.  
     a. festivus (Lec.) 57-16 Or. Wash.  
     b. edwardsi (Horn) 71-324 ? [Vanc.  
 94. suckleyi (Lec.) 57-46 Or.  
 95. semivittatus (Say) 23-174 Or. Vanc.  
     tristis (Cand.) 63-172 Japan.  
 96. hieroglyphicus (Say) 39-172 L. Sup. O. Me.  
     ? Ind.  
 97. divaricatus (Lec.) 53-446 Ga. N. C. Ind.  
 98. polygenus (Fall) 10-136 Cal.  
 99. weidti Angell 92-84 B. C.  
 8800. sericeus Gebl. 30-83 Alas.? Sib.  
 01. confluent Gebl. 30-3 Alas.? Eur. Sib.  
     ? rugosus Germ. 17-18 Alps.  
     — spectabilis Mann. 52-328 Alas.  
     — sericornis || Mann. 43-241 Cal.  
     — oblongoguttatus Mots. 59-373 Cal.  
     — rufipes || Mots. 59-377 Alas.  
     — semimetallicus (Walk.) 66-325 Vanc.

\*\*\*\*\*

(Paranomus Kies. 63-303)

(Eanus Lec. 62-171)

8802. costalis (Payk.) 00-37 Eur. & Sib. N.  
     parvicollis (Mann.) 53-229 Am. Lab.  
     vagus (Lec.) 53-434 Lapland.  
     pictus (Cand.) 63-177 Can. L. Sup.  
     maculipennis (Lec.) 66-85 N. H.  
     03. estriatus (Lec.) 53-434 Can. Lab.  
     04. decoratus (Mann.) 53-434 Lab.  
     Can. [Lab.]

**Hemicrepidius Germ. 39-212**

(Asaphes Kby. 37-146)

8805. carbonatus Lec. 60-320 Mex. Or. Ariz.  
     coracinus Cand. 63-214  
 06. hirtus Cand. 68-54 Cal.  
 07. morio (Lec.) 53-450 Or. Cal. So. Cal.  
     verna Cand. 63-212  
 08. dilaticollis Mots. 59-368 Cal. So. Cal.  
 09. tumescens Lec. 61-348 Cal So. Cal.  
 10. oregonus Lec. 61-348  
 11. soccifer Lec. 76-516 N. Mex.  
 12. indistinctus (Lec.) 53-451 Ga. O.  
 13. decoloratus (Say) 39-180 E. St. M. & W.  
     hemipodus (Say) 25-254 ♀ Md. [St.  
     corporosus (Germ.) 43-72  
     aereus (Melsh.) 46-156 ♀ M. & S St.  
     aeneolus (Melsh.) 46-156  
 14. memnonius (Hbst.) 06-29 ♂ Ind. E. St. Mc.  
     nemmonius Hbst. err. typ. [O. Pa. Fla.  
     baridius Say 39-176 Me.-Ga. [Ala.  
     thomasi (Germ.) 43-213  
     ruficornis (Kby.) 37-146  
 15. brevicollis Cand. 63-212 Ind. Man.  
     \*  
 16. lecontei Cand. 89-52 Cal.  
 17. bilobatus (Say) 39-174 Ind. E. St. Wis.

<sup>1</sup> This has been placed as a variety of *crassus*, which in turn has been considered the female of *divaricatus*. In view of the difference in localities given, it seems best to number both names.

**Hemicrepidius** Germ.

- melanophthalmus (Melsh.) 46-154 ♀  
M. St.  
cavifrons (Melsh.) 46-154 ♂ Pa. Ga.  
tener (Lec.) 53-452 ♀ N. Y.

**Hemicrepidius** Germ.

- consentaneus (Lec.) 53-452 ♀ N. Y.  
planatus (Lec.) 53-453 ♀ N. J.

## HYPNOIDINI

**Cryptohypnus** Esch. 36-105

8818. hyperboreus (Gyll.) 27-350 Arc.Eur.&Am.  
planatus (Esch.) 29-34 [Alas.  
19. quadripustulatus (Fab.) 92-236 Eur. & Am.  
agricola Zett. 34-155  
quadrum (Gyll.) 27-457  
20. pulchellus (L.) 58-656 Eur. & Am.?  
21. exiguus Rand. 38-35 N. Eng.-D. C.  
Ind.  
guttulatus Melsh. 45-214 Nec Lec.  
pulchellus ‡ (Lec.) 53-487 Mass. N. Y.  
22. littoralis (Esch.) 29-34 Alas. Sib.  
23. grandicollis Lec. 66-83 Can. Or.  
24. sanborni Horn 71-303 N. H. Lab.  
25. barbatus Sahlb. 85-30 Alas. & Sib.  
26. abbreviatus (Say) 23-173 N.S.-Alas.Ind.  
Nfld. Ct.  
silaceipes (Germ.) 44-139 No. St.  
lacustris (Lec.) 53-486 L. Sup.  
27. impressicollis Mann. 53-225 Colo.-Alas.  
28. nocturnus (Esch.) 29-33 Arc. Am. Nfld.  
Sib.  
a. lucidulus Mann. 53-227 Alas.-N. H.  
vestitus Mann. 53-227  
fallax Mann. 53-226  
b. bicolor (Esch.) 29-33 Alas.-Lab.  
limbatus Mann. 52-327  
scarificatus Mann. 53-326  
picescens Lec. 53-486 L. Sup. Colo.  
N. Mex.  
?riparius ‡ Cand. nec Fab. Arc. Am.  
29. squalidus (Lec.) 53-487 Cal. So. Cal.  
30. funebris Cand. 60-62 Cal. Nev.  
31. lecontei Leng 18-205  
planatus || Lec. 66-84 Can.-Pa. N.H.

**Hypnoidus** Steph. 30-200

8832. striatulus (Lec.) 53-488 Cal. O. Pa. L.  
Sup. Ind. So.  
Cal.

**Hypnoidus** Steph.

8833. delumbis Horn 91-14 Mass.  
34. choris (Say) 39-172 Ind.-D. C.  
35. ornatus (Lec.) 53-487 So. Cal.-Or.  
a. colon Horn 71-305  
b. moerens Horn 91-17  
36. cucullatus Horn 91-17 Okla.Ut.Ariz.  
37. melsheimeri Horn 91-19 D.C. Ill. Ind.  
guttulatus ‡ (Lec.) 53-487 Pa.  
guttatulus err. typ.  
38. caurinus Horn 91-20 Wash.  
39. dispersus Horn 91-20 Nev. Wash.  
40. gradarius Horn 91-21 So. Cal.  
41. tumescens (Lec.) 53-487 L.Sup.N.Mex.  
N. H. Man.  
42. musculus (Esch.) 22-72 Alas.  
43. dubius Horn 71-305 Neb. Dak.  
44. æstivus Horn 71-304 Mo. Ind.  
45. perplexus Horn 71-304 D. C. Ind.  
quadripustulatus ‡ Lec. 66-389  
46. gentilis Lec. 66-389 Neb.-Wash.  
\*  
47. restrictulus Mann. 53-228 Alas. N. H.  
musculus ‡ Cand. 60-64  
48. obliquatulus (Melsh.) 48-214 N.Eng.Va.Ia.  
Pa. Ind.  
49. pectoralis (Say) 39-173 Mass.Tex.Cal.  
M.St. L.Sup.  
Ind. So.Cal.  
Ariz.  
a. futilis (Lec.) 53-488 So.Cal. Ariz.  
b. inops (Lec.) 53-488 So.Cal. Wash.  
Ariz.

**Oedostethus** Lec. 53-489

8850. femoralis Lec. 53-489 Ind. Mo. N.J.  
Can.-Colo.

**Anthracopteryx** Horn 91-30

8851. hicalis Horn 91-31 Colo.

## MELANACTINI

**Melanactes** Lec. 53-493

8852. procerus Lec. 53-493 S. C.?  
53. piceus (DeG.) 75-162 M.S.W.St. Ct.  
femoralis (Melsh.) 44-216 [Ind.  
laevigatus (Fab.) 98-138  
morio (Say) 39-165  
54. densus Lec. 53-494 Cal. So.Cal.

**Melanactes** Lec.

- schaumi Cand. 68-14  
8855. morio (Fab.) 98-138 M.& S.St.Ind.  
lacunosus (Fab.) 01-224 [Ct.  
56. puncticollis (Lec.) 52-68 Mo. Ind.  
57. consors Lec. 53-495 Neb. Ind.  
58. reichei (Germ.) 43-85 Ga.

## OESTODINI

**Oestodes** Lec. 53-424

8859. tenuicollis (Rand.) 38-17 Me. Vt. Mass.  
a. graciliformis (Rand.) 38-17 Vt. [Ct.

**Oestodes** Lec.

8860. puncticollis Horn 74-24 Dak.





## ELATERINI

*Elaterina*

- Drasterius** Esch. 29-33
8915. *subornatus* Schfr. 17-40 Tex.  
 16. *thoracicus* Schfr. 17-40 So. Ill.  
 17. *nigriventris* Schfr. 17-41 Tex.  
 18. *scutellatus* Schfr. 17-41 Tex.  
 19. *asper* Lec. 84-4 Tex.  
 20. *cribratus* Lec. 84-4 L. Sup.  
 21. *grandicollis* Horn 71-308 Cal.  
 22. *fretus* Csy. 85-171 Pa.  
 23. *curtipennis* O. Schw. 06-112 Ala.  
     *brevipennis* || O. Schw. 03-57  
 24. *minor* O. Schw. 03-58 Ala.  
 25. *præses* Cand. 65-28 Cal.  
 — *simiolus* Cand. 59-428 Mex. Cal.?
- Elatrinus** Horn 71-307
8926. *anthrax* Horn 71-307 Cal.
- Elater** L. 67-651
8927. *phelpsi* Horn 74-22 Cal.  
 28. *horni* Cand. 80-63 Cal.  
 29. *cordatus* Horn 71-306 Cal.  
 30. *behrensi* Horn 71-214 Cal.  
 31. *cordifer* Lec. 59-72 Cal. So. Cal.  
     *lecontei* Cand. 59-459  
 32. *pullus* Germ. 43-162 Me.-Wash.  
 33. *oregonus* Schfr. 16-258 Or.  
 34. *nigricollis* Hbst. 01-73 Can.-Ga. Ind.  
 35. *luteus* Say 39-168 Fla. Can.-Ga.  
     *lugubris* Germ. 43-165 [L. Sup. Ind.  
 36. *sellatus* Dej. 36-104  
     *discoideus* || Fab. 01-240 Can.-Ga. So.  
     St. Ohio.  
 37. *vitiosus* Lec. 53-465 Vt. Can. M. S.  
     St.  
 38. *læsus* Lec. 53-465 Ga. Mass. N. Y.  
 39. *sayi* Lec. 53-465 M. St. Ind.  
     *obessus* ‡ Say 39-165  
 40. *verticinus* Beauv. 05-214 Fla. Ga. Mass.  
     *rubricollis* Hbst. 06-49 [Ill. Ind.  
 41. *semicinctus* Rand. 38-10 Can. N. Eng.  
     N. Y. Me.  
     *protervus* Lec. 53-471 L. Sup.  
 42. *militaris* Harris 36-70 N. Y. Conn.  
 43. *rubricus* Say 25-261 Can.-N. C. Ind.  
     *concinus* Germ. 43-170  
 44. *lateralis* Lec. 84-12 Nev.  
 45. *atripennis* Horn 71-306 Cal.  
     *violaceipennis* Cand. 81-62  
 46. *nevadensis* Lec. 84-12 Nev.  
 47. *torquatus* Lec. 84-12 Nev.  
 48. *collaris* Say 25-268 M. & S. St. Ind.  
     *palans* Lec. 53-469 Ga. [Conn.  
     *thoracicus* ‡ Hbst. 01-51  
 49. *sanguinicollis* Schfr. 16-257 Utah.  
 50. *sanguinipennis* Say 23-177 Mass. Ga. Ill.  
 51. *xanthomus* Germ. 43-168 M. St. [Ind.  
     *humeralis* Melsh. 46-159 Pa.  
 52. *dimidiatus* Lec. 61-347 So. Cal. Or.  
 53. *apicatus* Say 39-170 Colo.-Vanc.  
     *melanopygus* Germ. 43-161 [Ariz.  
     a. *phœnicopterus* Germ. 43-161 Or. L. Sup.  
 54. *affinis* Lec. 84-13 W. St.-Vanc.  
 55. *obliquus* Say 39-174 Can.-Ga.-Ill.  
     a. *areolatus* Say 23-167 M. & S. St. Ind.  
     *scitulus* Germ. 43-168

**Elater** L.

8956. *pusio* Germ. 43-169 Ga.-Ill. Ind.  
     *luteolus* Lec. 53-471 N. C.  
 57. *ignobilis* Boh. 58-68 Cal.  
 58. *ater* Lec. 84-12 Colo. So. Cal.  
 59. *manipularis* Cand. 59-478 Can.-Tex. Ind.  
 60. *pedalis* Germ. 43-176 Fla. Can.-B. C.  
     Ind. Nfld.  
     *ursulus* Melsh. 46-213 Pa. N. Y.  
     *deletus* Lec. 53-469 L. Sup.  
     *?rufipes* Beauv. 05-214  
 61. *longicornis* Lec. 84-12 Cal. So. Cal.  
 62. *carbonicolor* Esch. 29-33 Alas. (So. Cal.?)  
 63. *nigrinus* Hbst. 84-114 Eur. Sib. Alas.  
     Vanc. Lab. Ct.  
     Vanc. Mich.  
     Can. Vt.  
     *anthracinus* Lec. 69-378 Anticosti-  
     L. Sup. Conn.  
     L. Sup.  
 64. *mixtus* Hbst. 06-54 L. Sup.  
     *lacustris* Lec. 53-468 Ga. Md. L. Sup.  
     *fuscus* Lec. 53-468 M. St. Pa.  
     *miniipennis* Lec. 53-469 Pa. Ill. H. B. T.  
 65. *impolitus* Melsh. 46-180 Ind.  
 66. *socer* Lec. 53-467 L. Sup. Ind.  
 67. *subtilis* Lec. 84-12 Anticosti-  
 68. *luctuosus* Lec. 53-466 L. Sup. Nfld.  
 69. *nigricans* Germ. 43-176 Pa.-N. Y.  
     *fuscatus* Melsh. 46-213 L. Sup. Conn.  
     *testaceipes* Melsh. 46-243 M. St. Fla.  
     *molestus* Lec. 53-467 L. Sup.  
 70. *moerens* Lec. 61-347 Cal. Or.
- Ectamenogonus** Buysson 93-314
8971. *melsheimeri* Leng 18-206 M. & W. St. Pa.  
     *hepaticus* || (Melsh.) 46-160 Can. Vt. Ind.  
     Fla. So. Cal.  
 72. *insignis* (Lec.) 84-11 Tex.  
 73. *rhodopus* (Lec.) 57-47 Or. Cal. Vanc.  
     *umbricolor* (Mots.) 59-385  
 74. *fastus* (Lec.) 84-11 So. Cal. Ariz.  
 75. *rubriventris* (Lec.) 84-12 N. Mex.  
 76. *partitus* (Cand.) 80-63 Cal. Nev.  
 77. *melinus* (Lec.) 84-12 Cal.  
 — *?macilentus* Rand. 38-13 Me.  
 — *?basalis* Rand. 38-9 Me.
- Blauta** Lec. 53-472
8978. *cribraria* (Germ.) 43-307 Ga.  
     *cauta* Lec. 53-473 Ga.
- Megapenthes** Kies. 63-353
- (*Elater* (pars) Lec. 53-472)  
 (*Ectinus* ‡ Melsh. 44-159)
8979. *tartareus* (Lec.) 59-85 Or. So. Cal.  
     *aterrimus* (Mots.) 59-382 Alas.  
 80. *limbalis* (Hbst.) 06-162 ♂ M. S. & W. St.  
     *granulosus* (Melsh.) 44-159 ♀ Fla.-Conn.  
     M. & St. Fla.  
     *sturmi* (Lec.) 53-463  
 81. *horni* n. m. N. Mex. Cal.  
     *aterrimus* || Horn 71-309 Cal. [So. Cal.  
 82. *nigriventris* Lec. 84-7 M. & S. St.  
 83. *rufilabris* (Germ.) 43-169 Ariz.  
 84. *longicornis* Schfr. 16-258

**Megapenthes** Kies.

8985. *nigriceps* Schfr. 16-259 Tex.  
 86. *tarsalis* Schfr. 16-259 N. C.  
 87. *elegans* Horn 71-310 Cal.  
 88. *stigmatosus* (Lec.) 53-472 No.St.L.Sup.  
     *caprella* (Lec.) 57-47 [So. Cal.]  
 89. *rogersi* Horn 71-213 Cal.  
 90. *lepidus* Lec. 84-7 Cal.  
 91. *angularis* Lec. 66-390 Mo.  
 92. *turbulentus* (Lec.) 53-463 So. Cal.

*Dicrepidina***Dicrepidius** Esch. 29-31

8993. *palmatus* Cand. 59-146 Ind.  
 94. *ramicornis* (Beauv.) 05-10 So.Am.& So.  
     *pectinicornis* Esch. 29-10 [St. Fla.]

**Dicrepidius** Esch.

8995. *corvinus* Cand. 59-145 Mex. Ariz.  
**Ischiodontus** Cand. 59-90  
     (*Tricrepidius* Mots. 59-366)  
 8996. *soleatus* (Say) 39-176 Mich.Ind.Fla.  
     97. *simplex* (Lec.) 53-462 Tex.  
         *oblitus* Cand. 59-101  
     98. *ferreus* (Lec.) 53-462 Tex. Fla.  
         *triangulicollis* (Mots.) 59-367 Cal.  
     99. *parallelus* O. Schw. 06-104 Ala.

**Atractodes** Germ. 39-219

- *infumatus* Cand. 59-137 N. Am.?

## PHYSORRHININI

**Physorrhinus** Esch. 36-tabl.

9000. *fuscus* Champ. 95-385  
     *frontalis* || (Horn) 84-349 N. Mex.  
 01. *yuccæ* Wickh. 03-67 Tex.

**Anchastus** Lec. 53-459

(*Brachycrepis* Lec. 53-460)

9002. *signaticollis* (Germ.) 43-190  
     03. *tantillus* (Mann.) 43-239 Cal.  
     04. *cinereipennis* (Esch.) 29-31 Cal. So. Cal.  
         *puberulus* (Mann.) 43-240 Cal.  
     05. *binus* (Say) 39-177 Ind.Ga.Fla.  
     06. *militaris* Cand. 80-59 Cal.  
     07. *asper* Lec. 78-404 Fla.  
     08. *longulus* Lec. 78-404 Fla.

**Anchastus** Lec.

9009. *fuscus* (Lec.) 78-404 Fla.  
     10. *bicarinatus* (Lec.) 53-461 Fla. Ga.  
     11. *bicolor* Lec. 66-390 Cal. Ariz.  
         *a. desertus* Horn 71-311 So. Cal.  
     12. *digitatus* Lec. 53-459 Pa.  
     13. *sericans* Cand. 91-106  
         *horni* O. Schw. 07-315  
         *sericeus* || Horn 71-311 Ariz.  
     14. *rufus* Cand. 59-404 La.  
     — *regularis* Mots. 59-364 Cal.  
     — *recedens* Lec. 53-460 Cal.  
     — *hirsutulus* Mots. 59-364  
     — *pilifer* Mots. 59-365

## MELANOTINI

**Melanotus** Esch. 29-32

(*Cratonychus* Lac. 35-631)

(*Ctenonychus* Melsh. 44-151)

(*Perimecus* Kby. 37-63)

9015. *castanipes* (Payk.) 00-23 Eur.& N. Am.  
     *inaequalis* (Lec.) 53-476 Sib. Ind. Nfld.  
         Vt.L.Sup.Can.  
         Pa. Ohio.  
     *scrobicollis* (Lec.) 53-476 N.Y.No.& M.  
         St. Mich.  
     16. *corticinus* (Say) 23-174 Ga. Ind.  
     17. *longulus* (Lec.) 53-473 So. Cal.  
     18. *macer* (Lec.) 53-473 Ariz.?N.Y.  
         Ga. Ind.  
     19. *decumanus* (Er.) 42-104 Md.Ind.Ct.  
         *cuneatus* (Lec.) 53-473 Ga.  
         *incertus* (Lec.) 53-474 Mo.  
     20. *canadensis* Cand. 60-342 Can. Ind.  
     21. *despectus* Cand. 60-343 Ga.  
     22. *clandestinus* (Er.) 42-112 M. & S. St.  
     23. *secretus* (Lec.) 53-474 Ga.  
     24. *blatchleyi* Leng 18-205  
         *longicornis* || Blatch. 10-746 Ind.  
     25. *ignobilis* (Melsh.) 46-152 Pa. Ind.  
     26. *depressus* (Melsh.) 46-152 Pa. Ind.  
     27. *prasinus* Blatch. 10-752 Ind.  
     28. *angustatus* (Er.) 42-113 Pa. Ind.  
         *testaceus* (Melsh.) 46-152 Pa.  
     29. *trapezoideus* (Lec.) 53-475 Pa.N.J.Ind.  
     30. *tænicollis* (Lec.) 53-475 Pa.[Fla.?Ct.  
     31. *leonardi* (Lec.) 53-475 Pa.Ga.N.H.  
     32. *texanus* Cand. 60-351 Tex.  
     33. *glandicolor* Melsh. 46-152 Pa. Ind.  
     34. *divarcarinus* Blatch. 10-754 Ind.

**Melanotus** Esch.

9035. *communis* (Gyll.) 17-138 E.U.S.-Neb.  
     *cinereus* (Weber) 01-77 [Ind.La.Fla.]  
     *simplex* Germ. 24-42  
     *spadix* (Er.) 42-103  
     36. *fissilis* (Say) 39-183 M. & So.St.  
         Ind.So.Cal.  
         [Fla. Ariz.]  
     *cinereus* (Weber) 01-77  
     *brevicollis* Hbst. 06-162  
     *laticollis* (Er.) 42-102  
     *ochraceipennis* (Melsh.) 46-150  
     *bicolor* Melsh. olim. [Pa.  
     *sphenoidalis* (Melsh.) 46-150 Pa.  
     37. *exuberans* (Lec.) 53-477 N. Mex.  
     38. *lixus* Blatch. 10-754 Ind.  
     39. *debilis* Blatch. 10-754 Ind.  
     40. *parumpunctatus* (Melsh.) 46-151  
         Pa.Ind.Fla.  
         O. [Conn.  
     41. *effectus* Cand. 60-355 Md.Ind.Conn.  
     42. *verberans* (Lec.) 53-478 Ga.  
     43. *emissus* (Lec.) 53-478 Ga. Fla.  
     44. *infaustus* (Lec.) 53-478 Neb.  
     45. *cribulosus* (Lec.) 53-478 So.Cal.Ariz.  
     46. *cribricollis* Cand. 60-358  
     47. *paganus* Cand. 60-358  
     48. *pertinax* (Say) 39-185 Mass.Ga.Ind.  
     49. *dubius* (Lec.) 53-479 N.Y.Fla.Ct.  
     50. *tenax* (Say) 39-185 M.&So.St.Ind.  
         Conn.  
     51. *americanus* (Hbst.) 06-74 E.U.S.Ind.  
     52. *cribriventris* Blatch. 10-747 Ind. [Conn.  
     53. *insipiens* (Say) 39-184 So.St.Fla.  
         *tenellus* (Er.) 42-114 Ga. Fla.  
     54. *gradatus* Lec. 66-390 Md. Ind.  
     55. *opacicollis* Lec. 66-390 Ill.

**Melanotus** Esch.

9056. variolatus Lec. 61-377 Cal. So. Cal.  
 57. oregonensis (Lec.) 53-480 Or.  
 58. morosus Cand. 60-346 Ga.  
     longulus (Lec.) 53-480 Ga.  
 59. sagittarius (Lec.) 53-480 M.St.Ind.Ct.  
 60. difficilis Blatch. 10-751 Ind.  
 61. pilosus Blatch. 10-751 Ind.

**Melanotus** Esch.

9062. carinus Blatch. 10-752 Ind.  
 63. paradoxus Melsh. 46-152 Pa.  
 64. abdominalis (Er.) 42-104 N. Am.  
 65. vetulus (Er.) 42-104 N. Am.  
 66. similis (Kby.) 37-149 Can.  
 67. peninsularis Cand. 89-46 Fla.

**CARDIOPHORINÆ**

Blanchard 89

**Coptostethus** Woll. 54-238

9068. ?americanus Horn 71-303 La.

**Cardiophorus** Esch. 29-34

9069. ampicollis Mots. 59-385 Cal. So. Cal.  
 70. fenestratus Lec. 59-86 Cal.-Neb.  
     lorquini Cand. 60-167  
 71. cardisee (Say) 39-169 M.St. Ind.  
     convexus† Er. 40-289 Mass.Fla.Neb.  
     dejeani Lec. 53-497 ♂ Ga. Fla.  
 72. bifasciatus Bl. 89-8 Cal.  
 73. coxalis Bl. 89-9 Or.  
 74. stigmaticus Cand. 69-122 Cal.  
     signatus || Cand. 65-40  
 75. pullus Bl. 89-10 Colo.  
 76. gemmifer Bl. 89-11 So. Cal. Nev.  
 77. tumidicollis Lec. 53-498 Cal. Or. Nev.  
     Wash.  
 78. luridipes Cand. 60-167 Cal. So. Cal.  
 79. abbreviatus Bl. 89-13 Cal.  
     \*  
 80. erythropus Er. 40-293 S. C.  
     saturninus Lec. 53-497 S. C.  
 81. angustatus Bl. 89-14 Fla.  
 82. convexus (Say) 23-169 M. & S. St. Ind.  
     Ct.  
     amictus Melsh. 46-158 Can.-Fla.-  
     erythropus† Lec. 53-497 [Kan.  
     ?insulsus Cand. 60-169  
 83. floridæ Cand. 68-41 Fla.  
 84. longior Lec. 61-347 Colo. Mont.  
     longulus Lec. 69-377 err. typ.  
 85. arizonicus Fall 05-270 Ariz.  
 86. nevadensis Bl. 89-17 Nev.  
 87. gagates Er. 42-297 Ind. N.S.-Fla.  
     lævicollis Er. 42-300 S. C.  
 88. togatus Horn 71-301 Tex.  
 89. edwardsi Horn 71-301 Cal. Nev. So.  
     mimeticus Horn 72-147 [Cal.  
 90. latiusculus Esch. 29-34 So. Cal.-Vanc.  
 91. tenebrosus Lec. 53-498 W. St. Cal.  
     Neb.-Vanc.  
     a. fulvipes Lec. 59-73 ♀ [So. Cal.  
     montanus Bland 64-67 Colo.  
 92. convexus Lec. 53-498 Can. Me. O.  
     N. H. Mass.  
 93. crinitus Bl. 89-21 Cal.

**Cardiophorus** Esch.

9094. pubescens Bl. 89-22 Colo. Wy. N.  
 95. carbonatus Bl. 89-23 Cal. [Mex.  
 96. obscurus Lec. 53-498 So. Cal. Ariz.  
 97. æneus Horn 71-301 Cal. So. Cal.  
 98. robustus Lec. 53-495 M. St. Mass.-  
     lævicollis† Lec. 53-499 N. Y. [Tex.  
 99. seniculus Bl. 89-25 Cal. So. Cal.  
 9100. dispar Bl. 89-25 Cal.  
     — californicus Mann. 43-238 Cal.  
     — filius Rand. 38-14 Me.

**Aptopus** Esch. 29-32

9101. peregrinus Horn 84-44 Tex.  
 02. subcarinatus Schfr. 16-256 Ariz.  
 03. rugiceps Schfr. 16-257 Ariz.

**Horistonotus** Cand. 60-243

9104. vulneratus Horn 85-35 Ariz.  
 05. pullatus Horn 85-35 Ariz.  
     \*  
 06. densus Lec. 63-83 Cal.  
 07. inanus Lec. 53-499 So. Cal.  
 08. basalis Horn 85-36 So. Cal.  
 09. transfugus (Lec.) 53-500 Cal.  
 10. definitus Horn 71-302 Cal.  
 11. sufflatus (Lec.) 53-499 So. Cal.  
 12. simplex Lec. 66-83 So. Cal. Ariz.  
 13. flavidus Fall 01-240 So. Cal.  
 14. curiatus (Say) 39-173 Tex. M.S. St.  
     areolatus (Er.) 40-320 [Ind.  
 15. gracilis Horn 85-39 Nev. Ariz.  
     \*\*  
 16. exoletus (Er.) 40-325 Tex.-So. Am.  
 17. uhleri Horn 71-302 Ga. Fla.  
 18. mitis Horn 85-50 Utah.

**Esthesopus** Esch. 29-32

9119. præditus Horn 84-42 Tex. Tenn.  
 20. parvus Horn 84-42 Ariz.  
     hepaticus† auct.  
 21. dispersus Horn 84-42 Ariz. Tex. So.  
     humilis† auct. [Cal.  
 22. pusio Horn 84-43 Fla.  
 23. bicolor Horn 74-22 Fla.  
 24. claricollis (Say) 36-169 Fla. Va.-Ind.  
     Tex. Ind.  
     — ?pædicus Cand. 60-277 W. I. (U.S.?)



**MELASIDÆ** (*Eucnemidæ*)

Mann. 23; Leconte 53; Horn 86; Bonvouloir 70

**EUCNEMINÆ**

## MELASINI

**Melasis** Oliv. 95-30

9125. pectinicornis Melsh. 46-148 Pa.-Tex. Ind.  
Fla. Conn.  
26. rufipennis Horn 86-7 Nev.-Wash.

**Isorhipis** Lac.

- obliqua (Say) 39-187  
9128. nubila Bonv. 70-108

Ind. O. N.Y.  
N. H.  
No. Ga.

**Isorhipis** Lac. 57-622

(Tharops || Cast. 35-168)

9127. ruficornis (Say) 23-166 Ark. Can.-Mo.  
Ind.

## EUCNEMINI

**Dendrocharis** Guér. 43-193

(Galba† Lec. 53-418)

9129. flavicornis Guér. 43-193 Ga.? Fla.

**Stethon** Lec. 66-386

9130. pectorosus Lec. 66-386 O. Ill. Mo. Ind.

**Poecilochrus** Bonv. 70-148

9131. errans (Horn) 86-13 Fla.

**Eucnemis** Ahrens 12-40

9132. americana Horn 86-14 Cal. Ky. O.

**Deltometopus** Bonv. 70-171

(Dirhagus† Melsh. 46-150)

9133. amœnicornis (Say) 39-189 Ind. N. Eng.-  
Tex. Fla.  
clypeatus (Say) 25-266 ♀ Pa. Tenn.  
ereptus Bonv. 70-185 La.  
?monilicornis (Mann.) 23-26  
34. rufipes (Melsh.) 46-150 Can. Ohio.

**Dromæolus** Kies. 63-197

9135. californicus Bonv. 70-890 Cal.  
36. sejunctus Bonv. 70-266 L. I. N. Y.  
37. salsus Bonv. 70-267 La.  
38. nitens Horn 86-19 Or. Wash.  
39. basalis (Lec.) 66-387 No. Cal. Nev.  
40. hospitalis Bl. 04-187 Cal.  
41. striatus (Lec.) 52-47 Ga. N. Y.-Fla.  
42. harringtoni Horn 86-21 N. Y.-Can. O.  
43. cylindricollis (Say) 39-188 Ill. Can.-Ga.  
44. marseuli Bonv. 70-268 N. Y. [Ind.  
45. pusillus Horn 86-23 No. Ill. Tex.

**Fornax** Cast. 35-172

(Isarthrus Lec. 52-48)

9146. badius (Melsh.) 46-150 Pa.-Ill. La. Fla.  
novitius (Bonv.) 70-270  
47. calceatus (Say) 39-188 ♂ Can. Mass.  
spretus (Lec.) 52-48 L. Sup.  
horni Bonv. 70-891 ♀ Can. Ky. Ind.  
48. bicolor (Melsh.) 46-149 Fla. M. St.-  
luridus Chev. 67-592 [Cuba.  
49. molestus Bonv. 70-376 N. Am. Fla.  
50. orchesides (Newn.) 38-384 Can. N. Eng.  
M. St. Wis. Ind.  
bicolor† Lec. 53-416 N. Y.  
51. infelix Horn 86-27 Fla.

**Phænocerus** Bonv. 70-285

9152. americanus Horn 72-147 Vanc.

**Adelothyreus** Bonv. 70-609

9153. dejeani Bonv. 70-617 Md. O.

**Microrhagus** Esch. 36-4

9154. pectinatus Lec. 66-387 Can. N. Y. Pa.  
55. audax Horn 86-32 Pa. [Va. Ind.  
56. imperfectus Lec. 52-48 N. Y. Mass. Md.  
Ind.  
subsINUATUS Lec. 52-48 Ga. Can. N. S.  
O. D. C. Va.  
triangularis || (Harris) 37-72  
oblitus Bonv. 70-552 Ill.  
57. triangularis (Say) 23-170 Can.-Ga. Ind.  
58. impressicollis Bonv. 70-599 Fla. La. Tex.  
mucidos Bonv. 70-593 ♀  
59. bonvouloiri Horn 86-35 Pa. D. C. La.  
humeralis† Bonv. 70-607 [Ind.  
60. humeralis (Say) 39-189 Can.-Mex. Pa.  
meticulosus Bonv. 70-604 [Tenn. Ind.

**Entomophthalmus** Bonv. 70-513

9161. rufiolus (Lec.) 66-387 Can. Ill. Tenn.  
pallens Bonv. 70-518

**Xylobius** Latr. 34-124

9162. cylindriformis Horn 71-341 Cal. Nev.

**Hylocharis** Latr. 34-127

9163. nigricornis (Say) 23-165 Ohio, Ind.

**Sarpedon** Bonv. 70-774

9164. scabrosus Bonv. 70-774 Can. Tenn.  
Neb. So. Cal.

**Arrhipis** Bonv. 70-71

9165. lanieri (Guér.) 38-279 Cuba, Fla.

**Nematodes** Latr. 25-248

(Emathion Cast. 35-171)

9166. atropos (Say) 39-187 Fla. Can.-La.  
Ind.  
67. penetrans (Lec.) 52-47 Can.-Ga. Ind.  
68. punctatus Lec. 78-404 Fla.  
69. pavidus Horn 86-43 Tex.  
70. teres Horn 86-43 Tex.  
71. collaris Bonv. 70-663 Ohio, Ind.

<b>Hypocœlus</b> Esch. 36-4		<b>Phlegon</b> Cast. 35-254	
9172. frontosus (Say) 39-187	Can. Pa. Mo.	( <i>Euryptychus</i> Lec. 52-46)	
canaliculatus (Lec.) 52-46	[Ind.]	9176. heterocerus (Say) 39-186	Md. Pa. Ind.
73. terminalis Lec. 66-387	Can.	77. ulkei Horn 86-47	Ohio.
<b>Schizophilus</b> Bonv. 70-708		<b>Palæoxenus</b> Horn 91-40	
9174. subrufus (Rand.) 38-38	Can. N. Y. Ind.	( <i>Cryptostoma</i>    Latr. 25-348)	
simplex (Lec.) 66-388		9178. dohrni Horn 78-54	Mex. & So. Cal.
trilobatus Bonv. 70-708		<b>Anelastes</b> Kby. 18-384	
<b>Epiphanis</b> Esch. 29-10		9179. druryi Kby. 18-384	Vanc. Can. Ga.
9175. cornutus Esch. 29-35	Nfld. Alas. Pa.	brunneus (Latr.) 34-129	[Fla.]
cristatus Lec. 52-46	N. Y. [N. Mex.]	erosus (Say) 25-258	
		a. latreillei Lec. 52-47	Cal. Ariz.

## PEROTHOPINÆ

<b>Perothops</b> Er. 41-116		<b>Perothops</b> Er.	
9180. mucida (Gyll.) 17-113	Pa.-Fla.	9181. witticki Lec. 57-45	Cal. So. Cal.
muscidus (Say) 25-256		cervina Lacord. 57-129	Cal.
unicolor (Say) 25-256			

THROSCIDÆ (*Trixagidæ*?)

Bonvouloir 59; Horn 85; Blanchard 17

## LISSOMINI

<b>Drapetes</b> Dej. 21-34		<b>Drapetes</b> Dej.	
9182. geminatus Say 25-265	Can.-Tex. Fla.	9184. rubricollis Lec. 66-82	N. C. Fla. Ark.
basalis Rand. 38-9		85. quadripustulatus Bonv. 59-74	Wis.-Fla.
exstriatus Say 39-177		86. ecarinatus Schfr. 16-62	L. Cal.
a. nitidus Melsh. 46-149			
83. niger Bonv. 59-78	Mex.-Tex.		

## THROSCINI

<b>Pactopus</b> Lec. 69-63		<b>Aulonothroscus</b> Horn	
9187. horni Lec. 67-64	Nev.-Vanc.	9200. convergens Horn 85-202	N. Y. Fla. Ia.
fuchsi Csy. 93-585	Cal. [So. Cal.]	01. nodifrons Bl. 17-20	Tex.
<b>Aulonothroscus</b> Horn 90-208		<b>Throscus</b> Latr. 07-36	
9188. parallelus Bl. 17-11	Va.	? ( <i>Trixagus</i> <sup>1</sup> Kug. 94-534)	
89. teretrius Bl. 17-12	Mich. N. C.	9202. horni Bl. 17-22	Gulf St.
90. schwarzi Bl. 17-12	Fla. Tex.	alienus† Horn 85-202	
91. punctatus Bonv. 59-15	Mass. Ia. Fla.	03. carinicornis Schfr. 16-63	N. H. Ala. B. C.
invisus Horn 85-201 ♀	N. Y.	04. chevrolati Bonv. 59-21	Mich. No. Ill.
92. validus Lec. 68-63	Nev.-Vanc.	parvulus Lec. 63-44	Fla.
93. laticeps Bl. 17-15	Mich.	sejunctus Horn 85-204	Tex. Ariz. Cal.
94. calocerus Bonv. 60-354	Va.	05. mendax Horn 85-203	Cal. So. Cal.
95. constrictor Say 39-190	N. H. Fla. Ark.		No. Cal. Or.
96. rugosiceps Schfr. 16-63	Tex.	06. sericeus Lec. 68-63	Wash.
97. detritus Bl. 17-18	Tex.	a. debilis Horn 85-205	Colo.-So. Cal.
98. distans Bl. 17-19	Mass.-N. C.		Or.-Vanc.
99. pugnax Horn 85-202	Fla.		

BUPRESTIDÆ<sup>2</sup>

Leconte 59; Crotch 73; Horn 78, 82, 86, 91; Fall 99; Kerremans 02, 06; Casey 09

## POLYCESTINI

<b>Chrysophana</b> Lec. 59-219		<b>Polycesta</b> Sol.	
9207. placida (Lec.) 54-17	So. Cal. Or.	obtusa Lec. 58-68	Pa.
	Ariz.	9209. californica Lec. 57-45	Cal. So. Cal.
<b>Polycesta</b> Sol. 32-281		cavata Lec. 58-68	Ala.
9208. angulosa Duv. 57-62	Fla. Ala.	10. elata Lec. 58-68	Tex.

<sup>1</sup> See also p. 189 where this name is cited as synonym of *Byturus*.<sup>2</sup> Prepared with the assistance of Messrs. Alan Sloan Nicolay and Willard J. Chamberlin, though the synonymy results in part from my own studies.

**Polycesta** Sol.

9211. velasco Cast. 38-5 So. Cal. Ariz.  
 12. arizonica Schffr. 06-21 Ariz. [Tex.]

**Acmæodera** Esch. 29-9

(Ptychomus Mars. 65-322)

9213. alacris Horn 78-25 So. Cal.  
 14. comata Lec. 58-70 So. Cal.  
 15. cuprina Spin. 38-367 Tex. Mex.  
 hirtula Gory 40-29  
 16. flavomarginata Gray 31-358 Tex.-Cal. So.  
 contigua Kerr. 97-42 [Cal.]  
 proxima Waterh. 89-178  
 17. scapularis Horn 94-369 Cal.  
 18. griffithi Fall 99-36 Ariz.  
 19. gibbula Lec. 58-69 Ariz. N. Mex.-  
 delumbis Horn 94-378 [So. Cal.]  
 20. cubæcola Duv. 57-57 Fla. Cuba  
 pulcherrima† auct. nec Duv.  
 21. maculifera Horn 94-372 Cuba.  
 22. macra Horn 78-8 Tex.-Ariz.  
 23. falli Kerr. 02-34 Tex. Ariz.  
 subcyanea || Fall 99-8 Ariz.  
 24. amplicollis Lec. 66-383 Ariz. N. Mex.  
 25. disjuncta Fall 99-9 Ariz.  
 26. opacula Lec. 58-69 Tex. Ariz.  
 27. amabilis Horn 78-7 N. Mex. Ariz.  
 28. convicta Fall 99-11 Ariz.  
 29. robusta Horn 78-9 So. Cal.  
 a. rubrosuffusa Fall 07-240 So. Cal.  
 30. clausa Horn 94-374 L. Cal.  
 31. fenyessi Fall 99-12 So. Cal.  
 32. lanata Horn 80-148 Ut. Cal. So. Cal.  
 33. pubiventris Horn 78-9 So. Cal.  
 34. recticollis Fall 99-13 N. Mex. Ariz.  
 35. coquilleti Fall 99-15 So. Cal.  
 36. plagiaticauda Horn 78-10 So. Cal.  
 37. jocosa Fall 99-14 So. Cal.  
 38. miliaris Horn 78-10 Tex. Ariz.  
 39. sparsa Horn 78-11 Colo.-Cal.  
 40. angelica Fall 99-16 Cal.  
 41. serena Fall 99-16 Ariz.  
 42. tuta Horn 78-11 Ut. Cal. So. Cal.  
 43. hepburni Lec. 59-254 Cal. So. Cal.  
 a. latiflava Fall 07-240 So. Cal.  
 44. quadriseriata Fall 99-18 So. Cal.  
 45. hæmorrhœa Lec. 58-68 Tex.  
 stellaris || Spin. 38-364  
 46. rubronotata Cast. 35-5 Tex.  
 stellaris Chev. 35-189 Mex.  
 47. ornata (Fab.) 74-220 Pa.-Fla.-Nev.  
 dispar Gory 40-31 [Ariz.? Ind.]  
 48. morbosa Fall 99-20 So. Cal.  
 49. flavosticta Horn 78-15 So. Cal.  
 50. cuneata Fall 99-21 Ariz. Utah.  
 51. labyrinthica Fall 99-21 Ut.-Cal. So.  
 52. bishopiana Fall 07-240 So. Cal. [Cal.]  
 53. bowditchi Fall 01-307 Ariz. Cal.  
 54. acuta Lec. 59-224 So. Cal. Ariz.  
 retifera Lec. 58-72 Cal. [Utah.]  
 55. connexa Lec. 58-71 Ariz. So. Cal.  
 Nev. Or.  
 56. variegata Lec. 52-67 N. Mex. Tex.  
 Colo.-Or. So.  
 Lab.

**Acmæodera** Esch.

9257. laticollis Kerr. 02-28 U. S.  
 58. vandykei Fall 99-23 So. Cal. Utah.  
 59. prorsa Fall 99-23 So. Cal. [Wash.]  
 60. dohrni Horn 78-15 Cal. So. Cal.  
 61. mariposa Horn 78-22 So. Cal.  
 62. dolorosa Fall 99-25 So. Cal.  
 63. postica Fall 99-25 So. Cal.  
 64. daggetti Fall 99-26 Ariz.  
 65. horni Fall 99-25 Ariz.  
 66. scalaris Mann. 37-25 Tex.-Ariz.  
 mima Gory 40-29  
 semivittata Lec. 58-69 Tex.  
 67. decipiens Lec. 66-383 Ariz. N. Mex.  
 68. obtusa Horn 78-19 Tex.  
 69. distincta Kerr. 02-29 Colo.  
 70. alicia Fall 99-29 So. Cal. Ariz.  
 71. lucia Fall 01-307 Colo. Cal.  
 Ariz.  
 72. pulchella (Hbst.) 01-211 Ind. Pa.-Fla.  
 ornata || (Oliv.) 90-50 [Cal.]  
 volvulus Cast. 35-7  
 flavosignata Gory 40-30  
 mixta Lec. 60-222 Tex. N. Mex.  
 arizonæ Horn 78-19 Ariz. [Kan.]  
 immaculata Horn 78-19  
 73. consors Horn 78-20 Tex.  
 74. texana Lec. 59-228 Tex.  
 75. subbaltcata Lec. 63-82 L. Cal. N. Mex.  
 76. opinabilis Fall 99-30 L. Cal.  
 77. stigmata Horn 94-370 Ariz. L. Cal.  
 78. faceta Fall 07-241 L. Cal.  
 79. bivulnra Horn 94-371 Ariz. L. Cal.  
 80. guttifera Lec. 59-72 Tex. So. Cal.  
 Ariz.  
 versuta Horn 78-21 ♂ Cal. So. Cal.  
 81. cribricollis Horn 94-375 Tex.  
 82. larreæ Fall 07-241 Cal.  
 83. quadrivittata Horn 70-79 Tex.-So. Cal.  
 84. biederimanni Skinner 03-239 Ariz. [Ariz.]  
 85. conoidea Fall 99-31 Ariz.  
 86. tubulus (Fab.) 01-200 Ind. E. U. S.-  
 Fla. Tex. Atl. St.
- culta (Web.) 01-75  
 geranii (Harris) 29-8  
 quatuordecimguttata Cast. 35-12  
 87. neglecta Fall 99-31 Tex. Ariz.  
 88. gemina Horn 78-23 So. Cal.  
 nebulosa Horn 94-376 So. Cal.  
 89. insignis Horn 94-377 L. Cal.  
 90. rubescens Schffr. 04-210 L. Cal.  
 — obesa Kerr. 09-271 Tex.  
 — pallidula Kerr. 09-269 Cal.

**Ptosima** Sol. 33-277

9291. gibbicollis (Say) 23-161 Pa. Ill.-Ind.  
 luctuosa Gory 40-71 Ala. O. Mo.  
 92. walshi Lec. 63-81 Ill. So. Cal.

**Tyndaris** Thom. 57-168

9293. cincta Horn 85-147 Tex.  
 94. olneyæ Skinner 03-236 Ariz.  
 95. prosopis Skinner 03-237 Tex.  
 96. barberi Skinner 03-238 Ariz.  
 97. chamæleonis Skinner 03-237 Tex.

## SCHIZOPINI

**Glyptoscelimorpha** Horn 93-137

9298. marmorata Horn 93-137 Cal. So. Cal.

**Dystaxia** Lec. 66-385

9299. murrayi Lec. 66-385 Cal. So. Cal.  
 lecontei Thom. 78-6



**Dystaxia** Lec.9300. *elegans* Fall 05-71 Cal.**Schizopus** Lec. 58-709301. *sallei* Horn 85-145 Cal.  
02. *lætus* Lec. 58-70 Cal. So. Cal.  
Ariz.

## THRINCOPYGINI

**Thrincopyge** Lec. 58-179303. *alacris* Lec. 58-17 Tex. Ariz. N.  
Mex.**Thrincopyge** Lec.9304. *ambiens* (Lec.) 54-83 Tex. Ariz.  
05. *lætifica* Horn 85-144 Tex. Cal.

## CHALCOPHORINI

**Agæocera** Waterh. 82-4( *Anataxis* Csy. 09-170)  
( *Halecia*† Horn nec Lap.)  
9306. *gentilis* (Horn) 78-144 Tex.**Hippomelas** Cast. 37-92( *Gyascutus* Lec. 59-189)  
( *Stictocera* Csy. 09-69)  
9307. *sphenica* (Lec.) 54-83 Tex. Ariz.  
*grossus* Csy. 09-57 W. Tex.  
*robustus* Csy. 09-57 W. Tex.  
*serrulatus* Csy. 09-57 Ariz.  
08. *planicauda* Csy. 09-58 So. Ariz.  
*cylindricus* Csy. 09-58 Ariz.  
09. *cælata* (Lec.) 58-67 Tex.-L. Cal.  
*pollens* Csy. 09-70 Tex.  
*laticornis* Csy. 09-70 Ariz.  
10. *planicosta* (Lec.) 58-66 Tex. Ut. Ariz.  
*snowi* Csy. 09-62 Ariz. [So. Cal.]  
*cribriceps* Csy. 09-62 Ariz.  
*pistorius* Csy. 09-63 N. Mex.  
*acutangulus* Csy. 09-63 Ariz.  
*pimalicus* Csy. 09-63 Ariz.  
*amplus* Csy. 09-64 Utah.  
*aerata* Csy. 09-64 Utah.  
*egregius* Csy. 09-64 Utah.  
11. *juniperina* Wickh. 05-167 Utah.  
12. *obliterata* (Lec.) 58-66 Ariz.-So. Cal.  
*fidelis* Csy. 09-65 S. E. Ariz.  
13. *carolinensis* Horn 76-288 N. C.  
14. *obesus* Csy. 09-66 Tex.-Ariz.  
*æneoviridis* Csy. 09-66 Tex.  
*compactus* Csy. 09-66 S. E. Ariz.  
*solidus* Csy. 09-66 S. E. Ariz.  
*cylindrinus* Csy. 09-67 N. Mex.  
*debilis* Csy. 09-67 S. E. Ariz.  
*tenuis* Csy. 09-67 S. E. Ariz.( *Prasinolia* Csy. 09-56)15. *cuneata* (Horn) 68-133 Ariz.-Cal.  
*angusta* Csy. 09-59 Ariz.  
*metallica* Csy. 09-59 So. Cal.**Chalcophora** Sol. 33-2789316. *virginicnsis* (Drury) 72-66 Can.-Fla. Ind.  
*cupreomaculata* (Goeze) 77-596 M. E. S. St.  
*virginiaca* (Gmel.) 88-1940  
*novæboracensis* Fitch 59-701  
*obscurata* Fitch 59-702**Chalcophora** Sol.*obliterata* Csy. 09-79 Fla.  
*ingens* Csy. 14-360 ?  
*antennalis* Csy. 14-360 Id.  
*virginica* (Say) 39-157 Eur. Sib.  
? *mariana* (L.) 58-660 N. E. U. S. L.  
9317. *lacustris* Lec. 60-190 Mass. [Sup.]  
*brevicollis* Csy. 09-79 Wis.  
*melanotum* Mutt. 10-135 Id. Or. Wash.  
18. *angulicollis* (Lec.) 57-44 Cal.  
*oregonensis* Fitch 58-702 Wash. Id.  
*montana* Csy. 09-80 Colo.  
*prominens* Csy. 09-81 British Col. ?  
19. *georgiana* (Lec.) 57-7 So. Atl. St. Ga.  
*liberta*† Cast. 36-11 [S. C. Fla.]  
*iridescens* Csy. 09-82 So. Atl. St.  
20. *fortis* Lec. 59-191 Pa. N. Y. Kan.  
N. E. St. Conn.  
*laurentica* Csy. 09-82 Ont.  
*cupreola* Csy. 14-360 Kan.  
21. *liberta* (Germ.) 24-38 N. E. St. Ind.  
*borcalis* Cast. 36-13 [Ct. M. & W.]  
*parviceps* Csy. 09-83 No. N. Y. [St.]**Chalcophorella** Kerr. 02-79( *Texania* Csy. 09-84)  
9322. *fulleri* (Horn) 75-147 Tex.  
*bisinuata* (Csy.) 09-86 Tex.  
23. *campestris* (Say) 23-165 N. Y. Pa. So. St.  
Ind.  
*substrigosa* (Cast.) 36-13 M. & W. St.  
*langeri* (Chev.) 53-308 La. Tex.  
*serriger* (Csy.) 09-85 Pa.  
*obsolescens* Csy. 14-361 La.**Psiloptera** Sol. 33-283( *Lampetis* Spin. 36-115)  
( *Spinthoptera* Csy. 09-71)  
9324. *drummondi* Cast. 36-37 Tex.  
*valens* Lec. 58-66  
*caseyi* Kerr. 10-126  
*convexa* || (Csy.) 09-73 Tex.  
*ocularis* (Csy.) 09-73 W. Tex.  
a. *webbi* Lec. 58-66 Mex. So. Tex.  
*arizonica* (Csy.) 09-74 Ariz. [Ariz.]  
b. *woodhousei* (Lec.) 52-68 Tex. Kan.  
*parva* (Csy.) 09-73 Tex.  
25. *cupreopunctata* Schffr. 05-147 Tex.

## BUPRESTINI

**Nanularia** Csy. 09-1729326. *cupreofusca* Csy. 09-173 Cal.  
27. ? *californica* (Horn) 75-147 Cal. So. Cal.**Trachykele** Mars. 65-1499329. *opulenta* Fall 06-162 Cal. Wash.  
30. *blondeli* Mars. 65-150 N. Mex.  
31. *nimbosa* Fall 06-164 Cal. B. C.  
32. *lecontei* (Gory) 40-107 Ga. La.**Ampheremus** Fall 17-689328. *cylindricollis* Fall 17-69 Cal.

**Dicerca** Esch. 29-9

- (*Stenuris* Kby. 37-154)  
 (*Argante* Gistl 34)
9333. *divaricata* (Say) 23-13 Ky. Wis. N.Y.  
 Pa. Ind. Ill.  
*tenebrica* (Kby.) 37-155 Br. Am.  
*dubia* Melsh. 46-142 M. St.  
*aurichalcca* Melsh. 46-142 Ohio.  
*parumpunctata* Melsh. 46-243 N. Y.  
*limula* Csy. 09-144 N. Y.  
*incisa* Csy. 09-144 Ind.  
*æstiva* Csy. 09-145 Vt.  
*rustica* Csy. 09-146 N. H.  
*subcuprea* Csy. 09-146 Mich. Ind. N.Y.  
*pertinax* Csy. 09-147 N. H. [N. H.  
*sulcatula* Csy. 09-147 Colo.  
*vancouveri* Csy. 09-147 Vanc.  
*angusticauda* Csy. 09-148 Wis.  
*subargentea* Csy. 09-148 Wis.  
*severa* Csy. 09-149 Ont.  
 34. *caudata* Lec. 59-195 N. & W. St. N.  
 E. U. S. Ct. Pa.  
*abrupta* Csy. 09-139 Mass. [Man.  
*inflatus* Csy. 09-140 Mass.  
*biangulata* Csy. 09-140 N. H.  
*pisciformis* Csy. 09-140 Mass.  
*longicauda* Csy. 09-141 Mass.  
*cupreola* Csy. 09-141 Mass.  
*filiola* Csy. 09-141 Mass.  
*subæqualis* Csy. 09-143 Pa.  
*nigra* Csy. 09-143 N. Y.  
 35. *prolongata* Lec. 59-194 L. Sup. No. U.  
 S. Br. Am. Neb.  
*longipennis* Csy. 09-149 Wis.  
*callosa* Csy. 09-150 Br. Am.  
*rigida* Csy. 09-150 N. Y.  
*tetrica* Csy. 09-151 L. Sup.  
 36. *sexualis* Cr. 73-87 Ont.  
 Or. Wash.  
 37. *punctulata* (Schön.) 17-123 E. U. S. N. Y.-  
 Ga.  
*transversa* (Say) 25-219 Mass. Pa. D. C.  
*pinorum* Csy. 09-154 N. C.  
 38. *pectorosa* Lec. 57-145 Or. So. Cal.  
 39. *horni* Cr. 73-86 Cal. So. Cal.  
*ampliata* Csy. 09-153 Cal.  
 40. *pugionata* (Germ.) 24-37 Pa. Md. N. E.  
 U. S. Mass.  
 41. *obscura* (Fab.) 81-274 Ind. E. U. S.  
 Va. N. C. Fla.  
 Mass. Fla. Ct.  
*baltimorensis* (Hbst.) 01-99 N. Y.  
*consimilis* Cast. 39-104  
*pruinosa* Gory 40-109  
*indistincta* Melsh. 46-143  
*soror* Lec. 59-197 Pa.  
*indurata* Csy. 09-131 Tex.  
*truncata* Csy. 09-132 Wis.  
*gracilis* Csy. 09-132 N. H.  
*porcatula* Csy. 09-133 Kan.-Pa.  
*innocua* Csy. 09-133 Fla.  
*sagax* Csy. 09-133 Ind.  
*floridæ* Csy. 09-134 Fla.  
*regularis* Csy. 09-134 N. Y.  
 42. *lurida* (Fab.) 01-190 M. S. W. St. N.  
 Y. Fla. Ind.  
*levettei* Csy. 09-135 Ind. Ill.

**Dicerca** Esch.

- gaudens* Csy. 09-135 Ill.  
*seriata* Csy. 09-136 Tex.  
*erosa* Csy. 09-136 Ia.  
 9343. *lepida* Lec. 57-7 Pa.-Ala.  
*pugionata*† Cast. 39-99  
 44. *spretta* (Gory) 40-108 Ind. S. E. U. S.  
 ?*americana* (Hbst.) 03-107 [Fla.  
*impressifrons* Melsh. 46-144 Pa.  
 45. *tenebrosa* (Kby.) 37-155 L. Sup. N. E.  
 U. S. Nfld. 65°  
*distinguenda* Cast. 37-100 Me. N. Y.  
*lugubris* Lec. 59-200 Mich.  
*lacustris* Lec. 59-202 L. Sup.  
*morio* Csy. 09-155 L. Sup.  
*austera* Csy. 09-157 Mich.  
 46. *chrysea* Melsh. 46-143 N. H. No. U. S.  
*bifoveata* Lec. 59-202 L. Sup. [N. Y.  
*acerba* Csy. 09-158 Ont.  
*mystica* Csy. 09-159 Mich.  
*montana* Csy. 09-159 Mont.  
*wickhami* Csy. 09-160 Wis.  
*stolidata* Csy. 09-160 Colo.  
 47. *crassicolis* Lec. 57-45 Or. Cal.-Wash.  
*californica* Cr. 73-87 So. Cal.  
*hesperica* Csy. 09-155 Wash.  
 48. *dumolini* Cast. 37-98 Va.  
*tuberculata*† Chev. 38-65  
*consobrina* Melsh. 46-45  
 49. *tuberculata* (Cast.) 37-99 N. Y. Me.  
*asperata* (Cast.) 37-105 Ind.  
*hilaris* Lec. 59-200 N. Y.  
*manca* Lec. 59-201 N. Y. Mich.  
 a. *scobina* Chev. 38-66 Mass. Ind.  
*molitor* Melsh. 46-144  
 50. *mutica* Lec. 59-196 † Long Is.

**Poecilnота** Esch. 29-9

9351. *cyanipes* (Say) 23-164 Ind. Mo.-N.  
 Mex. Ariz.  
*parviceps* Csy. 09-169 N. Mex.  
 a. *erecta* (Gory) 40-110 Can. N. J. Wis.  
*debilis* Lec. 59-204 Md.  
*cupripes* Csy. 09-168 Wis.  
 52. *ferrea* (Melsh.) 46-144 (? So. Cal.) Va.  
 Ind. W. St.  
 53. *thureura* (Say) 32-3 Kan. Tex. La.  
*costicollis* (Gory) 40-109  
 54. *bridwelli* Van D. 18-53 Cal.

**Cinyra** Cast. 37-157

- (*Spectralia* Csy. 09-175)  
 9355. *gracilipes* (Melsh.) 46-145 Ind. N. E. U. S.  
 Pa. Wis.  
 56. *abbreviata* Csy. 14-361 N. C. Ill.  
 ?*ocularis* Csy. 14-362 Ill.  
 57. *prosternalis* Schffr. 04-205 Tex.  
 58. *macilenta* (Csy.) 09-176 Tex.  
 59. *purpurascens* Schffr. 05-127 L. Cal.

**Buprestis** L. 60-408

- (*Ancylocheira* Esch. 29-9)  
 (*Anoplis* Kby. 37-151)  
 (*Cypriacis* Csy. 09-116)  
 9360. *sulcicollis* (Lec.) 59-208 L. Sup. N. S.  
 Me. N. H.  
*lateralis* Csy. 09-119 L. Sup.  
 61. *aurulenta* L. 67-661 B. C. So. Cal.  
 Colo. Mont.

**Buprestis L.**

- lauta (Lec.) 54-17 Or. Wash. Cal.-  
Br. Am.  
radians (Lec.) 54-17 Or.  
villosa Lec. 73-331 Cal.  
æmula Csy. 09-121 Colo.  
tacomæ Csy. 09-121 Wash.  
nupta Csy. 09-121 Id.  
venusta Csy. 09-122 Cal.  
affinis Csy. 09-123 Or.  
adulans Csy. 09-123 Or.  
a. prospera Csy. 09-122 N. Mex.  
9362. adjecta (Lec.) 54-17 Or. Wash.  
brevis Csy. 09-117 Vanc.  
intricata Csy. 09-118 N. Mex.  
63. striata Fab. 74-267 Ind. Can. Fla.  
obscura Csy. 09-125 Pa.-Ont. [La.  
a. impedita Say 36-160 N.E. U.S.  
canadensis Csy. 09-124 Ont.  
(*Stereosa* Csy. 09-126)  
64. apricans (Hbst.) 01-125 N.C. Ala. Fla.  
nigricornis (Sturm) 26-105  
bosci Cast. 37-146  
cribripennis Csy. 09-127 Ala.  
65. decora (Fab.) 74-217 Fla. S.E. U.S.  
66. salisburyensis (Hbst.) 01-174 N.Y. N.J.  
ultramarina Say 36-160 Ga. N.Y. N.J.  
(*Buprestis* s. str.)  
67. lineata Fab. 74-217 Ind. N.Y.-Fla.  
a. davisi N. & W. 18-95 Fla. [Mich.  
68. maculipennis Gory 40-119 Mass.-Fla.  
inconstans Melsh. 46-146  
deficiens Csy. 09-90 N.C.  
fusiformis Csy. 09-91 Va.  
scripta Csy. 09-91 Mich.  
reducta Csy. 09-92 No. N.Y.  
leporina Csy. 09-92 Mich. Mo.  
69. subornata (Lec.) 59-208 W.U.S. Cal.  
rubronotans Csy. 09-97 Colo. ? [N. Mex.  
adonea Csy. 09-97 Mont.  
histrio Csy. 09-98 Utah  
punctiventris Csy. 09-99 Colo.  
violescens Csy. 09-99 Kan.  
70. maculativentris Say 24-272 U.S. Ind.  
Pa. L. Sup. Nfld.  
(So. Cal. ?)  
sexnotata Cast. 37-129  
lecontei Saund. 71-40  
a. rusticorum (Kby.) 37-151 Or. Wash. Br.  
Am.  
paganorum (Kby.) 37-152 Lat. 54°  
acomana Csy. 09-101 N. Mex.  
morosa Csy. 09-101 Kan.  
fusca Csy. 09-101 Colo.  
sublivida Csy. 09-102 Mont.  
caliginosa Csy. 09-102 Colo. N. Mex.  
nigricans Csy. 09-102 Mont.  
lyrata Csy. 09-103 B. C.  
adducta Csy. 09-103 Or. Id. Wash.  
71. connexa Horn 75-148 Or. [Vanc.  
72. nuttalli (Kby.) 37-152 65° Br. Am.  
L. Sup.  
a. consularis Gory 40-120 N.E. U.S. N.Y.  
flavopicta Csy. 09-96 L. Sup.  
73. læviventris (Lec.) 57-43 W.U.S. No.  
Cal. (So. Cal. ?)  
pugetana Csy. 09-94 Wash.  
a. alternans (Lec.) 59-207 N. Mex. Ariz.

**Buprestis L.**

- conicicauda Csy. 09-93 Ariz.  
contorta Csy. 09-94 Wash.  
diruptans Csy. 09-94 N. Mex.  
gravidula Csy. 09-95 Cal.  
torva Csy. 09-95 Wash.  
bouldercensis Csy. 09-96 Colo.  
9374. rufipes (Oliv.) 90-16 Fla. Ind. Pa.-  
Tex. La.  
virens Csy. 09-105 ♀ ?  
elongata Csy. 09-105 ?  
75. viridisuturalis N. & W. 18-100 So. Cal. Or.  
Kan. Neb. Tex.  
76. confluenta Say 23-159  
confluens Lec. 59-206  
tessellata Csy. 09-104 Tex.  
77. fasciata Fab. 87-177 N.E. U.S. No.  
Atl. (So. Cal. ?)  
sexmaculata Hbst. 01-163  
lherminieri Chev. 38-68  
fulgens Csy. 09-106 Dak. Wis. Ind.  
fortunata Csy. 09-107 Mich.  
saturata Csy. 09-114 L. Sup.  
sexplagiata (Lec.) 59-205 ♂ N.E. U.S. Vt.  
N. Y.  
a. langi (Mann.) 43-237 Alas. B. C. Or.  
ornata Walk. 66-324 Vanc. [Wash.  
bistrinotata Csy. 09-108 Cal.  
angusta Csy. 09-108 Cal.  
callida Csy. 09-109 Or.  
fastidiosa Csy. 09-109 Cal.  
mediocris Csy. 09-109 Cal.  
viridimicans Csy. 09-111 B. C.  
incolumis Csy. 09-112 Vanc.  
oregona Csy. 09-112 Or.  
obliqua Csy. 09-113 B. C.  
patruelis Csy. 09-113 N. Mex.  
graminea Csy. 09-114 Colo.  
crenata Csy. 09-110 ♂ Cal. Or.  
seditiosa Csy. 09-110 Cal.  
leviceps Csy. 09-110 Wash.  
depressa Csy. 09-111 Cal.  
78. gibbsi (Lec.) 57-42 Cal.-Wash.  
(So. Cal. ?)  
— ?viridula Oliv. 90-27 (S. C. ?)  
Philippines  
**Xenorhipis** Lec. 66-384  
9379. brendeli Lec. 66-384 N. Y. Ill. Tex.

**Melanophila Esch. 29-9**

- (*Apatura* Cast. 36-1)  
(*Diana* Cast. 37-155)  
(*Trachypteris* Kby. 37-158)  
(*Oxypteris* Kby. 37-160)  
(*Phaenops* † Lec. nec Meg.)  
9380. gentilis Lec. 63-42 So. Cal.-  
prasina || Lec. 59-254 Cal. [N. Mex.  
81. intrusa Horn 82-105 Cal. So. Lab.  
82. pini-edulis Burke 08-117 Ariz.-Utah.  
83. californica Van D. 18-54 Cal.  
84. æneola Melsh. 46-146 M. & S. St.  
metallica Melsh. 46-146 [Mich.  
85. carolina Manee 13-171 N. C.  
86. obtusa Horn 82-106 Ga.  
87. fulvoguttata (Harris) 29-2 Sib. U.S. L. Sup.  
guttulata (Gebler) 30-75 Alas. Lab.  
discopunctata Fald. 33-47 [H. B. T. N. Mex.  
octospilata (Cast.) 36-4  
croceosignata (Cast.) 36-5  
decolorata (Cast.) 36-5



**Melanophila** Esch.

- a. *drummondi* (Kby.) 37-159 Cal. Or. Wash.  
*guttulata* Mann. 53-221 Lab. Alas.  
 9388. *miranda* (Lec.) 54-83 N. Mex. Or.-Tex.  
 89. *notata* (Cast.) 36-4 S. E. U. S. Ind.  
*luteosignata* Mann. 37-70 [Fla. Ga. Fla.  
*opaca* Lec. 59-213 No. Cal. Or.-Ariz. So. Cal.  
 90. *conspuata* Lec. 57-44 Sib. Eur. U. S. Can.  
 91. *acuminata* (DeG.) 74-133 Alas. Va. Lab. So. Cal.  
*acuta* (Gmel.) 88-1939 Ky. N. Mex.  
*appendiculata* (Fab.) 94-210 Tex. Kan. Ariz.  
*morio* (Payk.) 99-230 Pa. Kan. L. Sup.  
*atropurpurea* (Say) 23-164 Alas. Ariz.  
*longipes* (Say) 23-164 Vanc. So. Cal.  
*immaculata* Mann. 36-8 [H. B. T.  
*pecchioli* Cast. 39-33

**Anthaxia** Esch. 29-9

- (*Cratomerus* Sol. 33-295)  
 9392. *viridifrons* Gory 41-284 U. S. M. & W.  
*viridicornis* || Cast. 39-19 [St. Ind. Ariz.  
*subænea* Lec. 59-216 M. & W. St.  
 93. *sublævis* Van D. 16-406 Cal.  
 94. *æneogaster* Cast. 39-32 Ind. No. U. S. Can. Ariz. So. Cal.

**Anthaxia** Esch.

- vinornata* (Rand.) 38-4 Me. N. Y.  
*expansa* Lec. 57-44 Or.  
*imperfecta* Lec. 59-215 N. Mex.  
*retifer* Lec. 59-215 N. Mex.  
*foveicollis* Lec. 59-215 Cal.  
*strigata* Lec. 59-215 Cal.  
*nanula* Csy. 84-174 Cal.  
*simiola* Csy. 84-174 Cal.  
*ænescens* Csy. 84-175 Cal.  
 9395. *viridicornis* (Say) 23-162 Mo. E. M. S. St.  
*quercata* (Fab.) 01-216 Md. Ind. Fla.  
*viridicornis* var. Say 34-161 U. S. Ind. Fla.  
*cuneiformis* Gory 41-290 M. & S. St.  
*bivittata* Gory 41-292 S. & W. St.  
*cyanella* Gory 41-285 ♀ M. S. & W. St.  
*scoriacea* Melsh. 46-148  
 97. *deleta* Lec. 78-459 Colo.-Cal. So. Cal. Ariz.  
 98. *salicis* (Fab.) 81-237 Eur. & Kan. †  
 — *californica* Obenb. 14-26 Cal.  
 — *pennsylvanica* Obenb. 14-26 Pa.  
 — *caseyi* Obenb. 14-25 Cal.

**Agrilaxia** Kerr. 02-177

9399. *flavimana* (Gory) 41-291 M. S. W. St. Fla.  
*gracilis* (Melsh.) 46-148 [Ariz.]

## CHRYSOBOTHRINI

**Chrysobothris** Esch. 29-9

- (*Odontomus* Kby. 37-156)  
 9400. *chrysoela* (Ill.) 00-122 So. U. S. Fla.  
*hybernata* (Fab.) 01-209  
*viridipunctata* Cast. 38-21  
 01. *sexfasciata* Schffr. 18-212 Fla.  
 02. *analís* Lec. 59-238 Tex. Mex.  
*austini* Thoms. 78-78  
 03. *bimarginicollis* Schffr. 05-148 Ariz.  
 04. *convexa* Fall 07-233 N. Mex.  
 05. *sexsignata* (Say) 36-158 Ct. E. U. S. Ind.  
*sexguttata* || (Say) 23-161 Mass.-Colo.  
*germari* Cast. 38-50  
*ignipes* Cast. 38-50  
 06. *lucana* Horn 94-367 Ariz. So. Cal.  
 07. *scitula* Gory 41-160 N. J.-D. C. O.  
*ultramarina* † Cast. 38-13 [Ind.  
*azurea* Lec. 57-8 So. S. C.  
*concinna* Lec. 59-238 Mo.  
 08. *lecontei* n.m.  
*azurea* || Lec. 59-239 Conn. Tex. Ind.  
 09. *aeneola* Lec. 59-239 Kan.-Nev.  
*purpurata* Bl. 64-66  
 10. *atrofasciata* Lec. 73-332 Ariz.-N. Mex.  
*nigrofasciata* † Lec. 59-240 N. Mex.  
 11. *ulkei* Lec. 59-240 Tex.  
 12. *prasina* Horn 86-118 Cal. So. Cal.  
 13. *bicolor* Horn 94-366 Cal.  
 14. *smaragdula* Fall 07-239 Ariz.  
 15. *lateralis* Waterh. 87-47 Tex. Mex.  
 16. *costifrons* Waterh. 87-45 Ariz. Mex.  
*aerea* || Chev. 35-49

**Chrysobothris** Esch.

9417. *bispinosa* Schffr. 09-376 Ariz.  
 18. *gemmata* Lec. 58-67 Ariz.  
 19. *merkeli* Horn 86-106 Tex. Ariz. So.  
 20. *serripes* Schffr. 05-130 Utah. [Cal.  
 21. *acutipennis* Chev. 35-190 Tex. Ariz. Mex.  
*cupreoænea* Cast. 38-39  
*acuminata* Lec. 59-237 Me.  
*cupreosignata* Thoms. 78-80  
 22. *libonoti* Horn 86-108 Ariz.  
 23. *tranquebarica* (Gmel.) 88-1932 W. I. Fla.  
*impressa* || (Fab.) 87-182  
*excavata* (Oliv.) 90-232  
*rugosa* Mann. 37-74  
*denticultata* Cast. 38-46  
*denticollis* Gory 41-178  
*fraterna* Mann. 37-75  
 24. *chalcophoroides* Horn 86-110 Ariz.  
 25. *multistigmata* Mann. 37-82 Tex.-Mex.  
*atabalipa* Cast. 38-43 Ariz.  
*basalis* Lec. 58-68 Tex.  
 26. *octocola* Lec. 58-67 Tex. Ariz. So.  
 27. *edwardsi* Horn 86-74 Ariz. [Cal.  
 28. *thoracicus* Schffr. 05-128 L. Cal.  
 29. *texana* Lec. 59-234 Tex. Colo.-  
 30. *beyeri* Schffr. 04-207 L. Cal. [Cal.  
 31. *ignicollis* Horn 85-145 Colo. Tex.  
 32. *speculifer* Horn 86-83 So. Cal. Colo. Ariz.  
 33. *cuprascens* Lec. 59-234 So. Cal. Colo. N. Mex. Ariz.  
 34. *monticola* Fall 10-51 Cal.

**Chrysobothris** Esch.

9435. *californica* Lec. 59-255 Cal. Nev.  
*vulcanica* Lec. 61-346 Ariz. So. Cal.  
 36. *blanchardi* Horn 86-93 Ind. Mass.-  
 D. C.  
 37. *quadrilineata* Lec. 59-233 N. Mex. Ariz.  
 38. *exesa* Lec. 58-68 Ariz. So. Cal.  
 39. *mali* Horn 86-97 So. Cal. Colo.  
 a. *lineatipennis* Van D. 16-411 Cal. [Ariz.  
 40. *piuta* Wickh. 03-67 Ariz. Cal.  
 41. *micromorpha* Fall 07-237 Ariz.  
 42. *pseudotsugæ* Van D. 16-407 Cal.  
 43. *laricis* Van D. 16-409 Cal. Or.  
 44. *carinipennis* Lec. 78-459 Colo. Nev.  
 45. *breviloba* Fall 10-51 Colo.  
 46. *falli* Van D. 18-56 Cal.  
 47. *caurina* Horn 86-92 Colo.-Or.  
 48. *pusilla* Cast. 38-53 N. E. U. S. Ct.  
 49. *biguttata* Cast. 38-53  
 50. *strangulata* Melsh. 46-147  
 51. *nixa* Horn 86-98 Nev. Cal.  
 52. *pubescens* Fall 07-238 Cal.  
 53. *deleta* Lec. 59-255 Cal. Wash.  
*subcylindricus* || Mots. 59-182 [Ariz.?  
 Alas.  
 54. *deserta* Horn 86-100 Cal. So. Cal.  
 55. *horni* Kerr. 03-186 U. S.  
 56. *purpurifrons* Mots. 59-183 N. W. U. S.  
*semisculpta* Lec. 59-254 Cal.  
*contigua* Lec. 59-255 Cal. So. Cal.  
 57. *sylvania* Fall 10-50 Cal.  
 58. *trinervia* (Kby.) 37-157 Alas. H. B. T.  
 Colo.-N.C.  
*cicatricosa* Mots. 52-77 Ariz. L. Sup.  
 Or. Wash.  
 59. *verdigrispennis* Frost 10-43 Me.  
 60. *dolata* Horn 86-87 Nev.-Or.  
 61. *dentipes* (Germ.) 24-38 E. U. S.-Or.  
*characteristica* (Harris) 29-2 L.Sup.-Ga.Fla.  
*posticalis* Cast. 38-56 N. Am.  
*ruficornis* Sturm. 43-61  
 62. *ludificata* Horn 86-88 Colo.-Cal.  
 63. *lata* Kerr. 99-336 Fla.  
 64. *floricola* Gory 41-179 Ind. M. St.-  
 Fla. Conn.  
*femorata*† Cast. 38-48 [Mich.  
 65. *peninsularis* Schffr. 04-207 L. Cal.  
 66. *femorata* (Oliv.) 90-47 U. S. Ind.-Fla.  
 Can.-Tex. Or.  
 & Cal. Ariz.  
 So. Cal.

**Chrysobothris** Esch.

- insculpta* (Herbst) 01-145  
*cribraria* Mann. 37-77 Can.  
*quadriimpressa* Cast. 38-48  
*dentipes*† Cast. 38-52  
*nigritula* Cast. 38-54  
*dissimilis* Gory 41-181 N. Am.  
*alabamæ* Gory 41-185  
*viridiceps* Melsh. 46-147  
*rugosiceps* Melsh. 46-147  
*adelpha* Harold 69-124  
*soror* || Lec. 59-232 M. & W. St.  
*?fastidiosa* Gory 39-180 Brazil.  
*obscura* Lec. 59-232 S. & W. St.  
 9467. *lesueuri* Cast. 38-49 N.Y.M.&S.St.  
*misella* Lec. 59-233 N. Y. Conn.  
 68. *scabripennis* Cast. 38-53 N.E.U.S.N.Y.  
*proxima* Kby. 37-157 [Me. L. Sup.  
*scabra* Gory 41-182  
 69. *carmelita* Fall 07-236 Ariz.  
 70. *debilis* Lec. 59-236 W. St. O.-So.  
*disjuncta* Lec. 59-236 Ariz. [Cal.  
 71. *axillaris* Horn 86-75 Ariz.-Tex.  
 72. *lixa* Horn 86-108 Ariz. Tex.  
 73. *purpureovittata* Horn 86-76 Ind.-Tex.  
 74. *purpureoplagiata* Schffr. 04-206  
 Ariz.  
 75. *subopaca* Schffr. 04-208 Cal.  
 76. *cyanella* Horn 86-102 No. Cal.  
 77. *humilis* Horn 86-102 Ariz.  
 78. *viridicyanea* Horn 86-84 Mont.-Cal.  
 79. *harrisi* (Hentz) 27-373 Mass. Can.-  
*chlorocephala* Gory 41-161 [N.C.

**Actenodes** Lac. 57-72

- (*Belionota*† Mots. 59-184 nec Esch.)  
 9480. *mendax* Horn 91-46 Tex. So. Cal.  
 81. *acornis* (Say) 36-159 E. U. S. Ind.  
*rugulosa* (Gory) 41-177 N. Y. Ga. Fla.  
*punctata* (Melsh.) 46-147  
*?californica* Mots. 59-184 Cal.  
 82. *bellula* (Mann.) 37-79 W. I. Ga.  
*auronotata* (Cast.) 38-20 Fla.  
*bella* Lec. 59-240 Ga.  
 83. *calcarata* (Chev.) 35-103 Mex. Ariz.  
*fulgurata* (Mann.) 37-80 So. Cal. Fla.  
*lebasi* (Cast.) 41-30  
 84. *flexicaulis* Schffr. 04-209 Tex.

AGRILINI

**Eupristocerus** Deyr. 64-113

- (*Coræbus*† Lec. 59-241)  
 9485. *cogitans* (Web.) 01-75 M. S. W. St.  
*ignarus* (Fab.) 01-211  
*ruficollis* (Hbst.) 01-249

**Engyaulus** Waterh. 89-50

9486. *pulchellus* (Bland) 65-382 Colo. Ariz.

**Agrilus** Steph. 30-239

9487. *macer* Lec. 58-70 Tex.  
 88. *concinus* Horn 91-310 Ga. Fla.  
 89. *cavatus* Chev. 35-142 Tex. Mex.  
*texanus* Cr. 73-94  
 90. *lucanus* Fall 06-167 L. Cal.  
 91. *bilineatus* (Web.) 01-74 Ind. Me. Colo.  
 Tex. La.  
 Conn. Mich.

**Agrilus** Steph.

- bivittatus* Kby. 37-161  
*flavolineatus* Mann. 37-110  
*aurolineatus* Gory 41-248  
 9492. *auroguttatus* Schffr. 05-149 Ariz.  
 93. *inhabilis* Kerr. 00-341  
*ineptus* || Horn 94-378 Cal.  
 94. *walsinghami* Cr. 73-95 Ariz. Or.-N.  
 Mex. So. Cal.  
 95. *snowi* Fall 05-270 Ariz.  
 96. *aureus* Chev. 37-98 Ariz. N.Mex.  
*couesi* Lec. 66-384  
 97. *auricomus* Frost 12-250 Mass. Conn.  
 98. *acutipennis* Mann. 37-109 Ind.Mass.Fla.  
 Tex.  
*latebrus* Cast. 39-38 M. & S. St.  
*quadriimpressus* Zieg. 46-267 [Kan.



**Agrilus** Steph.

9499. *difficilis* Gory 39-224 Mo. Tex. Ind.  
*occidentalis* Uhler 55-416 W. St.  
9500. *ferrisi* Dury 08-368 O. Ind.  
01. *obtus* Horn 91-288 Tex.  
02. *fuscipennis* Gory 41-238 Tenn. Ga. Fla.  
03. *horni* Kerr. 00-341 N. E. U. S.  
*blanchardi* || Horn 91-305  
04. *anxius* Gory 41-226 Ind. Mass. Colo.  
*gravis* Lec. 59-247 L. Sup. N. Y.  
*torpidus* Lec. 59-247 L. Sup. Ill.  
05. *obolinus* Lec. 59-248 Kan. S. W. U. S.  
*knausi* Schffr. 09-376 [So. Cal.  
06. *strigicollis* Fall 12-41 Ariz.  
07. *muticus* Lec. 58-70 Kan. Tex.  
08. *lacustris* Lec. 59-250 L. Sup. Ill. Tex.  
*cuneus* Lec. 66-384 [Ariz. So. Cal.  
*pubiventris* Cr. 73-95  
09. *quercus* Schffr. 05-150 Ariz.  
10. *nevadensis* Horn 91-303 Nev.  
11. *niveiventris* Horn 91-304 Ariz. So. Cal.  
12. *pensus* Horn 91-305 Mass.  
13. *ruficollis* (Fab.) 87-184 Ind. Can. Va.  
14. *lateralis* (Say) 23-169 Mo. Fla.  
*sayi* Saunders 71-126 Mass. N. Mex.  
15. *masculus* Horn 91-295 Can. N. Y. Ill.  
16. *pusillus* (Say) 25-252 Ind.  
*parvus* Saunders 71-116 Kan. Ariz.  
17. *defectus* Lec. 59-234. [Ind.  
18. *crinicornis* Horn 91-294 N. E. U. S. Pa.  
19. *addendus* Cr. 73-95 Kan. W. St.  
20. *egenus* Gory 41-258 Mass. Va.  
21. *puncticeps* Lec. 59-249 Tex. Ariz. Ind.  
22. *cephalicus* Lec. 59-249 Can. Tex. Ind.  
*arcuatus* (Say) 25-249 St. L. Sup.  
a. *torquatus* Lec. 59-243 Ind. Mass. Fla.  
b. *fulgens* Lec. 59-243 Mont.  
c. *coryli* Horn 91-297 Ky. Mich.  
d. *obliquus* Lec. 59-243 Mo. Ill.  
24. *cupricollis* Gory 41-240 Man.  
*arcuatus* † Lec. 59-242 L. Sup. Conn.  
25. *huachucae* Schffr. 05-150 Fla.  
26. *angelicus* Horn 91-298 Ariz.  
27. *townsendi* Fall 07-234 Cal. So. Cal.  
28. *champlaini* Frost 12-245 N. Mex.  
29. *imbellis* Cr. 73-94 Conn. Pa.  
30. *abditus* Horn 91-332 Mass. Fla. Tex.  
31. *fallax* Say 36-163 Nev.  
*zemes* Gory 41-234 Ind. Can. Tex.  
*impressipennis* Uhler 55-416 M. & W. St.  
32. *scitulus* Horn 91-318 Tex.  
33. *mercurius* Wickh. 03-70 N. Mex.  
34. *blandus* Horn 91-321 Ariz. Cal. So.  
35. *abjectus* Horn 91-321 Tex. [Cal.  
36. *subcinctus* Gory 41-252 N. Y. Can. Ill.  
37. *putillus* Say 39-163 N. C. Ind.  
38. *jacobinus* Horn 91-314 N. E. U. S. Ind.  
*illectus* Fall 01-242 Cal. So. Cal.  
39. *otiosus* Say 36-163 Cal. So. Cal.  
*geminatus* (Say) 23-163 ♀ Ind. Can. Tex.  
*virens* Gory 41-259 M. & W. St.  
[Kan.

**Agrilus** Steph.

9540. *sinuatus* (Oliv.) 90-74 † Eur. & N. J. †  
*chryseis* (Curtis) 25-67  
41. *cratægi* Frost 12-247 Pa.  
42. *politus* (Say) 25-241 Me. Kan. U. S.  
*cupreolus* Lec. 59-248 Ind.  
*plumbeus* Lec. 59-247 Kan. So. Cal.  
*desertus* || Lec. 59-249 Ariz.  
*solitarius* Harold 69-1445 M. & W. St.  
43. *burkei* Fisher 17-287 So. Cal. [L. Sup.  
44. *impexus* Horn 91-327 Cal.  
45. *floridanus* Cr. 73-94 Ark. Neb.  
46. *dolli* Schffr. 04-210 Fla.  
47. *obsoletoguttatus* Gory 41-256 Tex.  
*nigricans* Gory 41-257 Me. Ill. Ind.  
*interruptus* Lec. 59-246 S. & W. St.  
48. *vittaticollis* Rand. 38-38 Me. Ill.  
*frenatus* Gory 41-239  
49. *audax* Horn 91-300 Tex.  
50. *pinalicus* Wickh. 03-69 Ariz. N. Mex.  
51. *granulatus* (Say) 23-162 Kan. N. Eng.  
*quadriguttatus* Gory 41-228 N. C. Mo.  
*aleus* Gory 41-250 M. S. W. St.  
52. *abstersus* Horn 91-324 So. Ariz.  
53. *lecontei* Saunders 71-117 Can. Tex. Ind.  
*subfasciatus* || Lec. 59-245 Ill.  
54. *palmaris* Horn 91-326 Tex. Ariz.  
55. *gibbicollis* Fall 01-241 So. Cal.  
56. *abductus* Horn 91-325 Tex.  
57. *felix* Horn 91-326 Ariz.  
58. *ornatulus* Horn 91-319 S. W. Tex.  
59. *ventralis* Horn 91-320 N. Mex.  
60. *subtropicus* Schffr. 05-131 Tex.

**Rhæboscelis** Chev. 37-203

9561. *tenuis* Lec. 63-82 E. U. S. Fla.  
62. *texana* Schffr. 04-211 Tex.

**Pachyschelus** Sol. 33-313

- (*Metonius* Say 36-264)  
9563. *carbonatus* Lec. 59-252 La.  
64. *purpureus* (Say) 36-164 E. U. S. Ind.  
*americanus* Gory 41-346 M. & W. St.  
65. *schwarzi* Kerr. 92-298 Fla. Ga.  
*cæruleus* || Sz. 78-364  
66. *oculatus* Schffr. 09-377 Ariz.  
67. *ovatus* (Say) 25-252 E. U. S. Fla.  
*lævigatus* (Say) 36-164 Conn. Ind.  
*punctatus* (Gory) 41-347  
*politus* Kerr. 96-322

**Brachys** Sol. 33-312

9568. *tessellatus* (Fab.) 01-218 E. U. S. Fla.  
*lævicauda* Lec. 59-252 Pa. [Ind.  
*lugubris* Lec. 59-251 M. & S. St.  
69. *fasciferus* Sz. 78-363 Fla.  
70. *floricola* Kerr. 00-347 Fla.  
71. *cephalicus* Schffr. 09-377 Ariz.  
72. *aerosus* Melsh. 46-148 Ind.  
*terminans* † Cast. 39-3 E. U. S.  
73. *æruginosus* Gory 41-355 E. U. S. Ind. Fal.  
74. *ovatus* (Web.) 01-76 Fla. E. U. S.  
Ind.

† Introduced.



<b>Brachys</b> Sol.			<b>Taphrocerus</b> Sol. 33-314		
aurulentus Kby. 37-162	M. S. W. St.		9577. puncticollis Sz. 78-363	Fla.	
tessellatus Cast. 39-3			78. gracilis (Say) 25-253	Fla.E.U.S.Ind.	
prætexta Gory 40-332			alboguttatus (Mann.) 37-120 (So. Cal.?)		
molestus Gory 41-232			79. agriloides Cr. 73-76	Tex. Fla.	
9575. floccosus Mann. 37-118	Mex. & Ariz.		texanus Kerr. 96-312	Tex.	
horni Kerr. 96-324	Kan.		80. lævicollis Lec. 78-403	Fla.	
76. cuprascens Blatch. 13-23	Fla.		cylindricollis Kerr. 96-312	Pa.	

MASTOGENIINI

<b>Mastogenius</b> Sol. 50-507			<b>Trigonogya</b> Schffr. 18-213		
(Haplostethus Lec. 59-253)			9585. reticulaticollis (Schffr.) 04-210	Tex.	
9581. robustus Schffr. 05-148	Ariz.				
82. puncticollis Schffr. 18-213	Ariz.				
83. impressipennis Fall 06-167	L. Cal.				
84. subcyaneus (Lec.) 59-254	N. J. Ind. Fla.				
	M. S. W. St.				
	Conn.				

DRYOPOIDEA

Leconte 52; Horn 70; Zaitzev 08, 10

PSEPHENIDÆ

<b>Psephenus</b> Hald. 53-34			<b>Psephenus</b> Hald.		
(Fluricola† DeKay 44-53)			9587. falli Csy. 93-579	Cal. So. Cal.	
(Eurypalpus    Lec. 52-41)			88. haldemani Horn 70-30	Cal.	
9586. lecontei (Lec.) 50-241	E. U. S. R.I.		89. veluticollis Csy. 93-579	Cal.	
herricki DeKay 44-53	[N.Y.-Ind.				
trentonensis Zimm. 69-259	[Can.-D.C.				
	[Mich.				

DRYOPIDÆ (Parnidæ)

POTAMOPHILINI

<b>Lara</b> Lec. 52-42			<b>Phanocerus</b> Sharp 82-128		
9590. avara Lec. 52-42	Cal.		9591. clavicornis Sharp 82-129	Guat. Tex.	

DRYOPINI

<b>Lutrochus</b> Er. 47-509			<b>Dryops</b> Oliv. 91-297		
9592. luteus Lec. 52-42	Tex.		(Parnus Fab. 92-245)		
93. laticeps Csy. 93-580	Mich. O. Ind.		9601. arizonensis Schffr. 05-126	Ariz.	
	D. C.				
<b>Throscinus</b> Lec. 74-51			<b>Helichus</b> Er. 47-510		
9594. crotchii Lec. 74-52	So. Cal.		9602. productus Lec. 52-43	So. Cal. Ariz.	
95. politus Csy. 89-162	Tex.		03. lithophilus (Germ.) 24-88	Can. E. U. S.	
96. schwarzi Schffr. 04-197	Tex.			Ind.	
<b>Pelonomus</b> Er. 47-510			04. fastigiatus (Say) 24-275	Can.-La. Ct.-	
9597. obscurus Lec. 52-42	Tex. La. Fla.		basalis Lec. 52-43	[Ill.Ind.	
98. rufescens Csy. 93-581	Fla.		05. striatus Lec. 52-43	Can. U.S. Cal.	
			foveatus Lec. 52-43	Mich. Nev.	
<b>Oberonus</b> Csy. 93-581				Ariz.	
9599. obesus Csy. 93-581	Tenn.		06. suturalis Lec. 52-43	So. Cal. Ariz.	
<b>Narpus</b> Csy. 93-582			gilensis Lec. 52-43		
9600. angustus Csy. 93-583	Cal.		æqualis Lec. 54-81		

**HELMIDÆ** (*Elmidæ*)**HELMINI**

- Stenelmis** Duf. 35-158  
 9607. linearis Zimm. 69-259 S. C.  
     ?humerosa Mots. 59-50 Ala.  
 08. sinuata Lec. 52-44 Ga.  
 09. crenata (Say) 24-275 E. U. S. Nfld.  
 10. bicarinata Lec. 52-44 Ind. O.Fla.  
 11. quadrimaculata Horn 70-40 Vt.  
     ?maerkeli Mots. 59-50 Tenn.  
 12. vittipennis Zimm. 69-259 Tex. S. C. Ill.  
     Man.  
 13. nubifera Fall 02-238 Cal. So. Cal.  
 14. sulcata Blatch. 10-681 Ind  
     — sordida Mots. 59-51 Pa.  
     — elongata Mots. 59-51 N.Am.
- Helmis** Latr. 98-398  
 (*Elmis*† auct.)  
 9615. vittata Melsh. 44-99 M.St. N.Y.  
 16. concolor Lec. 81-75 [Ind. Man.  
 17. bivittata Lec. 52-44 Wis.  
 18. quadrinotata Say 25-187 M.St. Can.  
 19. corpulenta Lec. 74-52 B.C. [Mich.  
 20. divergens Lec. 74-52 B.C. So. Cal.  
 21. abnormis Horn 70-38 Ariz. L. Cal.  
 22. pusilla (Lec.) 52-44 M.St. Can.  
 23. foveata Lec. 74-53 So. Cal.  
 24. similis Horn 70-38 Ariz.  
 25. ferruginea Horn 70-39 Tex.  
 26. caesa Lec. 74-53
- Helmis** Latr.  
 9627. addenda Fall 07-226 N.Mex.  
 28. antennata Fall 07-227 N.Mex.  
 29. columbiensis Angell 92-84 B.C.  
 30. pecosensis Fall 07-226 N.Mex.  
 30½. ornata Schffr. 11-120 Mont.
- Elsianus** Sharp 82-131  
 9631. texanus Schffr. 11-119 Tex.  
 32. moestus Horn 70-37 Ariz.  
     angustus Lec. mss.
- Limnius** Er. 47-522  
 9633. elegans (Lec.) 52-43 Vt.  
 34. fastiditus (Lec.) 50-217 Can. L. Sup.  
     Man.  
 35. ovalis (Lec.) 63-74 Pa. Ind.  
 36. quadrimaculatus (Horn) 70-37 Cal.  
     ?seriatus (Lec.) 74-52
- Heterelmis** Sharp 82-130  
 9637. nitidulus (Lec.) 66-380 N.Y.  
 38. latiusculus (Lec.) 66-380 Pa.  
 39. glabra Horn 70-37 Ariz.  
     a. vulnerata Lec. 74-53 Ariz. Tex.
- Macronychus** Müll. 06-207  
 9640. glabratus (Say) 25-187 Pa. N.Y. N.J.  
     lateralis Melsh. 44-99 [D.C.  
 41. parvulus Horn 70-41 Cal. So. Cal.

**ANCYRONYCHINI**

- Ancyronyx** Er. 47-522  
 9642. variegatus (Germ.) 24-89 Vt. M. St. Tenn.  
     cinctus (Say) 25-186
- Ancyronyx** Er.  
 parumoculatus Hardy 53-270

**HETEROCERIDÆ**

Horn 90; Zaitzev 10

- Heterocerus** Fab. 92-262  
 (*Heterocerus* s. str.)  
 9643. gnatho Lec. 63-74 So. Cal. Ariz.  
     labiatus Lec. 63-75  
     labratus Lec. 63-35  
     ?velutinus Sharp 87-773  
 44. pallidus Say 23-199 Kan. Tex. Ariz.  
 45. ventralis Melsh. 44-98 Pa. N.Y. O. Ind.  
     labiatus Kies. 51-282 [Conn.  
 46. undatus Melsh. 44-98 Can.-Wy. Ind.  
     a. cuniculus Kies. 51-283  
     b. miser Kies. 51-290  
     substriatus Kies. 51-290 Mich.  
     c. mollinus Kies. 51-289 Fla.  
     fatuus Kies. 51-292 Wash.-Nev.  
 47. gemmatus Horn 90-9 So. Cal.
- Heterocerus** Fab.  
 9648. brunneus Melsh. 44-91 N.S.-Cal. Ind.  
     Fla.  
 49. schwarzi Horn 90-11 Pa. L. Sup. Tex.  
     Man.  
 50. collaris Kies. 51-292 Pa.-Fla.-Ariz.  
     vilis Sharp 87-773 Ind. So. Cal.  
     ?mexicanus Sharp 82-118 [Man.  
 51. tristis Mann. 53-218 Alas.-Pa. Ind.  
 52. pusillus Say 23-200 Ill.-Mex. Ind.  
     Fla. So. Cal.  
     Ariz. Man.  
     limbatus Kies. 43-215  
     luteolus Lec. 63-75  
     americanus Sharp 87-772  
     (*Litorimus* Gozis 85-120)  
 53. auromicans Kies. 51-287 Can.-Tex. Ind.

**GEORYSSIDÆ**

Zaitzev 10

- Georyssus** Latr. 09-377  
 9654. pusillus Lec. 52-44 Neb.
- Georyssus** Latr.  
 9655. californicus Lec. 74-51 Cal.

## DASCILLOIDEA

## DASCILLIDÆ

Leconte 52; Horn 80; Pic 14

## DASCILLINÆ

## MACROPOGONINI

**Macropogon** Mots. 45-38

9656. testaceipennis Mots. 59-362

57. piceus Lec. 61-349

58. rufipes Horn 80-79

Cal.  
Mich. Or.  
Mont.  
N.H. Ill.**Eurypogon** Mots.9659. niger (Melsh.) 46-309  
harrisi (Westw.) 62-374

lineatopunctatus Harris 34-mss.

60. californicus Horn 80-80

61. confusus Fall 02-239

Pa.-Kan. Ind.  
[Mich.  
Cal.  
So. Cal.**Eurypogon** Mots. 59-363

(Dasypogon Lec. 61-170)

(Sclerodes Westw. 62-374)

**Allopogonia** Ckll. 06-241

(Allopogon || Horn 80-80)

9662. villosus Horn 80-81

Cal. So. Cal.

## ANCHYTARSINI

**Anchytarsus** Guér. 43-1949663. bicolor (Melsh.) 46-221  
ater Guér. 49-15

N.Y.-Ga.

**Anchytarsus** Guér.

debilis (Zieg.) 46-269

fragilis† Horn 80-112

## CNEOGLOSSINI

**Odontonyx** Guér. 43-1949664. trivittis (Germ.) 24-76  
ornata (Melsh.) 46-220

M.St.

**Stenocolus** Lec. 53-228

9666. scutellaris Lec. 53-229

Cal.

**Anchycteis** Horn 80-87

9665. velutina Horn 80-87

Cal.

**Aræopidius** Ckll. 06-241

(Aræopus || Lec. 74-57)

9667. monachus Lec. 74-57

Or.

## DASCILLINI

**Dascillus** Latr. 96-43

(Atopa Payk. 99-116)

(Petalon Cast. 40-258)

**Dascillus** Latr.

9668. davidsoni Lec. 59-283

Cal.

69. plumbeus Horn 80-84

Cal.

## GENECERINI

**Anorus** Lec. 59-86

9670. piceus Lec. 59-87

So. Cal.

**Anorus** Lec.

9671. parvicollis Horn 94-365

L. Cal. Ariz.

## BRACHYPSECTRINI

**Brachypsectra** Lec. 83-170

9672. fulva Lec. 83-170

Tex.

## EUBRIINÆ

**Dicranopselaphus** Guér. 61-531

9673. variegatus Horn 80-97

Ill. Md.

**Ectopria** Lec.

tibialis Lec. 53-352

**Ectopria** Lec. 53-351

(Eurea Lec. 53-354)

(Eubria† Zieg. 44-222)

9674. nervosa (Melsh.) 44-222

a. tarsalis Lec. 53-352

b. thoracica (Zieg.) 44-269

Mass.-Ga.-O.  
[Ct. Ind.]**Acneus** Horn 80-97

9675. quadrimaculatus Horn 80-98

Cal.

**Eubrianax** Kies. 74-246<sup>1</sup>

(Placonycha Horn 80-111)

9676. edwardsi (Lec.) 74-57

Cal. So. Cal.

## EUCINETINÆ

**Eucinetus** Germ. 18-255

(Hamaxobium Duft. 25-79)

(Nyctæa Berth. 27-338)

(Nycteus Blanch. 45-56)

9677. infumatus Lec. 53-356

78. oviformis Lec. 66-88

79. testaceus Lec. 66-88

Cal. So. Cal.  
Ill. Va. O.  
Mich.  
Can.-Pa.<sup>1</sup> This genus may be incorrectly placed. The larva resembles that of *Psephenus*.



**Eucinetus** Germ.

9680. punctulatus Lec. 75-172 Mich. Va.  
 81. inorio Lec. 53-357 Ill.Va.Ga.Ind.  
 82. terminalis Lec. 53-357 Vt. Ill. Ind.  
 Mich. Man.

**Eucinetus** Germ.

9683. strigosus Lec. 75-171 Pa. O.

**Euscaphurus** Csy. 85-328

9684. saltator Csy. 85-329 Cal.

**HELODIDÆ** (= *Cyphonidæ*)

Leconte 53; Horn 80 (*Dasyllidæ*); Pic 14

**HELODINÆ****Helodes** Latr. 96-44 ('*Elodes*)

- (*Helodes* Duv. 61-150)  
 (*Sacodes* Lec. 53-356)  
 (*Hemicyphon* Lec. 66-501)  
 9685. apicalis Lec. 66-87 Cal. So. Cal.  
 86. maculicollis Horn 80-104 Can. N.H. Pa.  
 87. pulchella Guér. 43-13 Conn.-Tex.  
 88. fuscipennis Guér. 43-9 Pa.-Tex. [Ind.  
 thoracicus (Melsh.) 46-222  
 89. thoracica Guér. 43-14 Can.-Ga. Ind.

**Microcara** Thoms. 59-107

9690. explanata Lec. 66-87 Can. Mich.

**Cyphon** Payk. 99-117

9691. robustus Lec. 75-171 N. Y.  
 92. ruficollis (Say) 25-162 Conn.Ga.Kan.  
 ?fragilis (Zieg.) 44-269 [Ind. Nfld.  
 marginicollis (Guér.) 43-3  
 a. oblongus (Guér.) 43-13  
 93. brevicollis (Lec.) 66-88 Or. Cal.  
 94. exiguus Horn 80-107 Cal. So. Cal.  
 95. concinnus (Lec.) 53-353 Cal. Nev. So.  
 Cal.  
 96. obscurus (Guér.) 43-4 Can. Ga. Ind.  
 pallipes (Lec.) 53-354  
 97. collaris (Guér.) 43-4 Mass.Ga. Ind.  
 bicolor (Lec.) 53-355  
 98. variabilis (Thunb.) 85-54 Ind. H. B. T.  
 Fla.Tex.Vanc.  
 fuscipes Kby. 37-245 So. Cal. Conn.  
 modestus (Lec.) 53-355 Eur. Sib. Alas.  
 ovalis Say 25-161 Fla. [Mich.  
 piceus (Lec.) 53-354 Mich.

**Cyphon** Payk.

- punctatus (Lec.) 53-354 Fla.  
 a. nebulosus (Lec.) 53-355 Mich.  
 9699. padi (L.) 58-369 Mass.Ind. Fla.  
 Can. Eur. Sib.  
 Mich.  
 pusilla (Guér.) 43-8  
 9700. americanus Pic 13-164 Fla.  
 impressus || Lec. 78-57  
 01. perplexus Blatch. 14-89 Fla.  
 02. coarctatus Payk. 99-120 Eur.& N.Am.?

**Prionocyphon** Redt. 58-517

9703. discoideus (Say) 25-161 Pa. Mo. Ga.  
 Ind. Mich.  
 Pa. Ga.

04. limbatus Lec. 66-87

**Ora** Clark 65-385

9705. troberti Guér. 61-545 Tex. Fla.  
 06. texana Champ. 97-604  
 troberti† (Horn) 80-102 Tex.  
 07. hyacintha Blatch. 14-88 Fla.

**Scirtes** Ill. 07-301

9708. tibialis Guér. 43-3 No. St. Can.  
 solstitialis Melsh. 44-223 [Ind.Fla.  
 09. orbiculatus (Fab.) 01-503 M.St.-M.Mex.  
 centralis (Say) 24-88 [Ind.  
 lateralis Lec. 53-356  
 a. ruficollis Lec. 68-53  
 b. suturalis Zieg. 46-44  
 10. californicus Mots. 45-35 Cal.  
 11. plagiatus Schffr. 06-115 Ariz.  
 12. humeralis Horn 95-244 L. Cal.

**PTILODACTYLINÆ**<sup>1</sup>**Lachnodactyla** Champ. 97-658

9713. arizonica Schffr. 06-114 Ariz.  
 14. texana Schffr. 06-114 Tex.

**Ptilodactyla** Ill. 07-342

9715. angustata Horn 80-91 Fla.

**Ptilodactyla** Ill.

9716. serricollis (Say) 23-186 M.St.Fla.Ind.  
 elaterina Guér. 29-45 [Conn.Mo.  
 fusca (Melsh.) 46-221

**CHELONARIIDÆ****Chelonarium** Fab. 01-101

9717. lecontei Thom. 67-84 Fla.

<sup>1</sup> Out of place here, but difficult for the author to place better elsewhere.

## DERMESTIDÆ

Lecoute 54; Jayne 82; Casey 00; Dalla Torre 11; Arrow 15

## BYTURINÆ

Grouvelle 13

**Byturus**<sup>1</sup> Latr. 96-69

? (*Triragus* Kug. 94-534)

(*Horticola* Lindem. 65-148)

9718. unicolor Say 23-127

Ariz. Wash.

Atl.St. Ind.

**Byturus** Latr.

9719. brevicollis Csy. 16-179

20. punctatus Csy. 16-178

21. griseus Jayne 82-345

22. inflatulus Csy. 16-177

?

D.C.

Cal. (Nfld.?)

Cal.

## THYLODRIINÆ

**Thylodrias**<sup>1</sup> Mots. 39-75

(*Thelydrias* G. & H. 68-1704)

(*Ignotus* Slosson 03-183)

**Thylodrias** Mots.

9723. contractus Mots. 39-76 Cosmop.

ænigmaticus Slosson 03-183 N. Y.

## DERMESTINÆ

## DERMESTINI

**Dermestes** L. 67-561

9724. inarmoratus Say 23-197

Tex.-Cal.

Ariz.

25. caninus Germ. 24-84

Ind. Atl. St.

Can. Fla. Ariz.

nubilus Say 32-3

dissector Kby. 37-115

murinus Lec. 54-108 (nec L.)

tessellatus || Hbst. 92-122

a. compactus Csy. 00-141

Tex.

b. mannerheimi Lec. 54-107

Pac.Coast

Ariz.

c. nubipennis Csy. 00-141

Ia.-Fla.

nubilus Lec. 54-107 (nec Say)

26. cylindricus Csy. 16-181

Mass.

27. rattus Lec. 54-108

Or.

28. tristis Fall 97-244

So. Cal. Is.

medialis Csy. 00-141

Cal.

29. fasciatus Lec. 54-107

Wy.-N.Mex.

30. talpinus Mann. 43-257

Id. Nev. Cal.

Ind. Ariz.

31. carnivorus Fab. 75-55

Tex. Ariz. So.

mucoreus Lec. 54-108

[Cal. Cosmop.]

**Dermestes** L.

?sobrinus Lec. 54-108

9732. vulpinus Fab. 81-64

Cosmop. Ind.  
Conn. Fla. So.  
Cal. Ariz.

maculatus† Sz. 78-444

33. truncatus Csy. 16-180

34. frischii Kug. 92-478

Ariz.

†Eur. & N. Am.

Fla. N.J. Va.

Ia.

35. nidum Arrow 15

elongatus || Lec. 54-109

S. & W. St. Ind.  
Fla.

36. cadaverinus Fab. 75-55

Cosmop. Fla.

a. domesticus Germ. 24-83

Sib. & N. Am.

37. lardarius L. 58-354

Greenl.†

a. ?conjunctus Reit. 87-173

Cosmop. Ind.

38. signatus Lec. 74-50

H. B. T. [Lab.]

39. pulcher Lec. 54-108

Vanc. N. Mex.

40. angustus Csy. 00-143

S. M. W. St. Ill.

Tex.

## ATTAGENINI

**Attagenus** Latr. 02-121

(*Megatoma* Guér. 29-65 nec Herbst)

9741. pellio L. 58-355

†Eur. & N. Am.

R. I. N. S. Can.

Mich. N. Y.

Greenland.†

42. piceus Oliv. 90-10

So. Cal. Eur. &

N. Am. Ind.

Atl.-Pac.

megatoma Fab. 98-71

43. schaefferi Hbst. 92-93

Eur. & N. Am.

44. extricatus Csy. 00-146

Pa. [Id. Wy.]

45. deficiens Csy. 00-146

D. C. Va.

46. cylindricornis Say 25-185

Ia. Neb.

spureus Lec. 54-109 ♀

Mo.

**Attagenus** Latr.

9747. rufipennis Lec. 59-71

Ut.-Cal.

48. bicolor Harold 68-104

Ia.

dichrous || Lec. 54-110 ♂

49. elongatulus Csy. 00-147

Neb.-Ut.

50. canadensis Csy. 16-183

Can.

51. atrolucens Csy. 16-183

Ind.

52. nigripes Csy. 16-184

Cal.

53. sparsus Csy. 16-184

N. Mex.

**Dearthrus** Lec. 62-108

9754. longulus Lec. 63-73

Atl. St. Ind.

**Novelsis** Csy. 00-148

9755. horni (Jayne) 82-356

Ariz.-Pac.

<sup>1</sup> The correct position of these genera is doubtful; it seems best to isolate *Thylodrias*, at least as a subfamily, to be consistent with rank assigned to the others.

† Introduced.

**Novelsis** Csy.

9756. byturoides Csy. 00-148 Ariz.  
 57. perplexus (Jayne) 82-356 Nev.  
 58. uteana Csy. 00-148 Ut.  
 59. picta Csy. 00-149 Ariz.

**Novelsis** Csy.

- (*Paranovelsis* Csy. 00-148)  
 9760. varicolor (Jayne) 82-357 Ariz.-Pac.

## MEGATOMINI

**Perimegatoma** Horn 75-135

9761. jaynei Csy. 00-150 Cal.  
 62. guadalupensis Csy. 00-150 Guad.  
 63. ampla Csy. 00-150 Cal.  
 64. variegata Horn 75-136 Cal.  
 65. nevadica Csy. 00-150 Nev.  
 66. impressa Csy. 00-150 Utah  
 67. monticola Csy. 00-151 Wy.  
 68. falsa Horn 75-136 Cal.  
 — ?cylindrica (Kby.) 37-113 H.B.T.  
 — ?angularis (Mann.) 53-216 Alas.

\*

69. belfragei (Lec.) 74-50 Tex.

**Trogoderma** Latr. 29-511

9770. ornata Say 25-185 Ia. Ind. So. Cal.  
 pusilla Lec. 54-111 [Conn.  
 pallipes Zieg. 44-269  
 71. serriferum Dalla Torre 11-70  
 serrigera || Csy. 00-153 Tex.  
 72. procera Csy. 16-185 L. I.  
 73. parvula Csy. 16-186 Va.  
 74. tarsalis Mclsh. 44-116 Conn. L. I. Pa.  
 75. pollens Csy. 00-153 Cal. [Va.  
 76. complex Csy. 00-153 Tex.  
 77. caseyi Arrow 15-429  
 variipes || Csy. 00-153 Cal.  
 78. sternalis Jayne 82-363 Cal.-Tex. Ariz.  
 79. cylindrella Csy. 16-187 N. Mex.  
 80. simulans Csy. 00-153 So. Cal.  
 81. virginica Csy. 00-154 Va.  
 82. oblongula Csy. 00-154 Tex.  
 83. plagifera Csy. 16-187 Colo.  
 84. aspericollis Csy. 00-154 Ariz.  
 85. versicolor Creutz. 99-117 Cosmop.  
 inclusa Lec. 54-110 Mass.-S.C.  
 86. frosti Csy. 16-188 Mass. [Ind.  
 87. nigrescens Csy. 16-188 Mo.  
 88. brunnescens Csy. 16-189 D.C.  
 89. scabripennis Csy. 16-189 D.C.  
 90. brevis Csy. 00-154 Cal.  
 91. obsolescens Csy. 00-154 Ind. Mo.  
 92. advena Csy. 00-154 Ariz.  
 93. fascifera Blatch. 14-67 Fla.

\*

94. simplex Jayne 82-362 W. St. Ariz.

**Acolpus** Jayne 82-360

9795. primus Jayne 82-361 Tex. Fla.

**Thaumaglossa** Redt. 68-43

- (*Axinocerus* Jayne 82-367)  
 9796. americana Jayne 82-368 Tex. Ariz.

**Cryptorhopalum** Guér. 38-67

9797. flitarse Csy. 00-156 Cal.  
 98. reversum Csy. 00-156 N. Mex.  
 99. tuckeri Csy. 16-192 Ariz.  
 9800. coloradense Csy. 16-192 Colo.  
 01. pruddeni Csy. 00-156 Ariz.  
 02. insigne Csy. 16-191 N. Mex.  
 03. balteatum Lec. 54-111 Ariz. So. Cal.  
 04. festivum Csy. 00-156 Tex.  
 05. hæmorrhoidale Lec. 24-170 Mo. Kan. Fla.  
 Tex. Ind.  
 06. pallens Csy. 16-193 Tex.  
 07. anthrenoides Csy. 16-194 Ariz.  
 08. apicale Mann. 43-258 Or. So. Cal.  
 Nev. Ariz.  
 09. fontinale Csy. 16-194 N. Mex.  
 10. dorcatomoides Csy. 00-157 Ariz.  
 11. obesulum Csy. 00-157 Tex.  
 12. granum Csy. 00-157 Ariz.  
 13. anthrax Csy. 00-157 Ariz.  
 14. caseyi Dalla Torre n.m.  
 affine || Csy. 00-157 Cal.  
 15. piceum Csy. 16-198 Cal.  
 16. ruficorne Lec. 54-111 Ga. N.C. Fla.  
 17. fusculum Lec. 54-111 Ariz. Cal.  
 18. modestum Csy. 00-157 Tex.  
 19. fusciclave Csy. 00-157 Tex. Ut.  
 20. uteanum Csy. 16-195 Utah  
 21. nephianum Csy. 16-196 Utah  
 22. aridum Csy. 16-196 Ut. & Cal.  
 23. pumilum Csy. 00-157 Ariz.  
 24. triste Lec. 54-111 Cal. Fla.?  
 nigricorne Lec. 61-344 [Ariz.?  
 25. picicorne Lec. 54-111 Mass. Pa. Ind.  
 26. grisescens Csy. 16-195 Ariz.  
 27. bakeri Csy. 16-197 Cal.  
 28. floridanum Csy. 16-198 Fla.

## ANTHRENINI

**Anthrenus** Fab. 75-61

9829. scrophulariæ (L.) 58-356 † Eur. & N. Am.  
 So. Cal. Ind.  
 a. flavipes Lec. 54-112 N. Y.  
 9830. thoracicus Melsh. 46-117 Pa.-Tex. Ind.  
 31. occidentis Csy. 00-160 Cal. So. Ill.  
 nevadicus Csy. 00-160 Nev.  
 a. pictus Csy. 00-160 Cal.  
 32. lepidus Lec. 54-122 Cal.  
 suffusus Csy. 00-160 Cal.  
 a. obtectus Csy. 00-160 Cal.  
 b. conspersus Csy. 00-160 Cal.  
 33. acomanus Csy. 16-200 N. Mex.  
 34. parvus Csy. 00-161 Tex.

**Anthrenus** Fab.

- (*Nathrenus* Csy. 00-161)  
 9835. verbasci (L.) 67-568 † Eur. & N. Am.  
 So. Cal. Ind.  
 varius Fab. 75-60 Ariz. (Fla.?)  
 a. pistor Csy. 00-161 Va.  
 b. vorax Csy. 00-161 Ind.  
 c. destructor Melsh. 46-116 Ia.  
 36. fasciatus Herbst 97-337 † Eur. & N. Am.  
 a. seminiveus Csy. 16-199 D.C. [Ga.

## (Florilinus Muls. &amp; Rey 67-141)

37. museorum (L.) 61-145 Greenl. † Eur. & N. Am.

† Introduced.



**Anthrenus** Fab.

9838. castaneæ Melsh. 46-116 Pa. Ind.  
       ?adpersus Herbst 97-332 N.Am.  
       carolinæ Csy. 00-162 N.C.  
       a. angustulus Csy. 00-162 Tex.  
       39. caseyi Dalla Torre n.m.

**Anthrenus** Fab.

- rotundulus || Csy. 00-162 N.Y.  
       ( *Helocerus* Muls. & Rey 67-141)  
       9840. fuscus Latr. 07-39 Eur. & N.Am.  
       claviger Er. 46-458 [Pa.]

## TRINODINI

**Apsectus** Lec. 54-113

9841. hispidus (Melsh.) 46-117 Tex.

## ORPHILINI

**Orphilus** Er. 46-461

9842. æqualis Csy. 00-164 Ariz. Or.  
       43. subnitidus Lec. 61-344 Cal.-Colo.  
       44. ater Er. 46-463 Ind. L.Sup.-  
       45. chalybeus Csy. 00-164 Id. [Ga.]

**Orphilus** Er.

9846. niger (Rossi) 90-39 Eur. & N.Am.  
       glabratus (Fab.) 01-109 So. Cal.?  
       Fla. Atl.-Pac.  
       Ariz.

## BYRRHIDÆ

Leconte 54; Horn 79; Dalle Torre 11; Casey 89, 12

NOSODENDRINÆ<sup>1</sup>**Nosodendron** Latr. 04-146

- (*Dendrodipnis* Woll. 73-33)  
       9847. unicolor Say 24-274 N.Ill. Kan.  
       Ind.

**Nosodendron** Latr.

9848. californicum Horn 74-22 Cal. So. Cal.

## BYRRHINÆ

Ganglbauer 02

## PEDILOPHORINI

**Morychus** Er. 47-491

- (*Pedilophorus*† auct.)  
       9849. oblongus (Lec.) 57-39 Or. Wash. D.C.  
       acuminatus† (Lec.) 54-115  
       50. insulsus Csy. 12-8 B.C.  
       51. subsetosus (Fall) 07-224 Mont.  
       52. acneolus (Lec.) 63-74 Neb.  
       53. hesperus (Wickh.) 03-182 Colo.  
       54. subcupreus (Fall) 07-225 Wash.  
       55. lateralis (Fall) 07-225 N.Mex.

**Tylicus** Csy. 12-10

9856. subcanus (Lec.) 78-609 L.Sup. (Lab.?)

**Listemus** Csy. 12-11

9857. acuminatus (Mann.) 52-341 Alas.  
       58. formosus Csy. 12-12 No. Cal.  
       59. satelles Csy. 12-13 No. Cal.

**Eusomalina** Csy. 12-13

9860. lecontei (Wickh.) 03-180 Id.

## SIMPLOCARIINI

**Simplocaria** Steph. 30-139

9861. columbica Csy. 12-15 B.C.  
       62. tessellata (Lec.) 50-224 L.Sup. N.H.

**Simplocaria** Steph.

- ?metallica Sturm 07-111 Eur. & Bor.  
       Am. Green-  
       land, Lab. Alas.  
       N.H. L.Sup.  
       9863. subnuda Csy. 12-16 Colo.

## BYRRHINI

**Cytilus** Er. 47-489

9864. alternatus (Say) 25-186 N.H.-L.Sup.  
       Man.  
       trivittatus (Melsh.) 44-117 H.B.T. Ind.  
       ?sericeus Forst. 71-16 Eur. Pa. Nfld.  
       a. mimicus Csy. 12-18 Cal.  
       b. longulus Csy. 12-18 Colo.-B.C.  
       65. nigrans Csy. 12-19 Nfld.

**Byrrhus** L. 67-568

9866. pettiti Horn 70-76 Ind. Can.  
       67. cyclophorus Kby. 37-117 Alas. Lab.  
       68. brunnescens Csy. 12-21 L.Sup. [Mich.  
       69. americanus Lec. 50-224 N.J.-L.Sup.  
       Ind. Lab.  
       a. neglectus Csy. 12-22 N.H.  
       b. manitobæ Csy. 12-22 Man.

<sup>1</sup> The affinities of *Nosodendron* are not entirely established; it has been placed in Cucujoidea as a family near *Ostomidæ* by some authors.

**Byrrhus L.**

9870. imperitus Csy. 12-22  
 71. angustulus Csy. 12-22  
 72. concolor Kby. 37-117  
   a. pacificus Csy. 12-23  
 73. geminatus Lec. 54-114  
 74. perditus Csy. 12-24  
 75. criddlei Csy. 12-24  
 76. torpidus Csy. 12-25  
 77. callidus Csy. 12-25  
 78. laramiensis Csy. 12-26  
 79. rigens Csy. 12-26  
 80. eximius Lec. 50-224  
 81. canterius Csy. 12-27  
 82. centralis Csy. 12-27  
 83. explicatus Csy. 12-27  
 84. fulvovestitus Csy. 12-28  
 85. stolidus Csy. 12-28  
 86. difficilis Csy. 12-29  
 87. egenus Csy. 12-29  
 88. fasciatus Forst. 71-12  
  
 89. kirbyi Lec. 54-114  
   picipes || Kby. 37-116

Lab.  
 Man.  
 B.C.  
 Wash.  
 Ill. L.Sup.  
 Or. ?Lab.  
 Man.  
 Lab.  
 Or.  
 Wy. Man.  
 Wis.  
 L.Sup.  
 Colo.  
 Id.  
 Colo.  
 Or.  
 Wash.  
 N.H.  
 B.C.  
 Greenland.  
 Alas.  
 L.Sup. Lab.  
 [Nfld.]

**Byrrhus L.**

9890. vafer Csy. 12-30  
 91. wickhami Csy. 12-31  
 92. consuctus Csy. 12-31

Colo.  
 Id.  
 B.C.

**Porcinolus Muls. 69-94**

9893. undatus (Melsh.) 44-117  
   glabellus (Melsh.) 44-118  
   ?murinus (Fab.) 94-437  
   a. hystrix Csy. 12-33  
 94. crescentifer Csy. 12-32

Pa. Ind. N.Y.  
 Pa. Mich.  
 Eur. Sib.  
 Man.  
 Kan.

**Syncalypta Steph. 30-133**

9895. spinosa (Rossi) 94-81

†Eur.&N.Am.  
 N.Y. Conn.

**Curimopsis Gangl. 02-50**

9896. albonotata (Lec.) 61-344  
 97. strigosa (Melsh.) 44-118  
 98. echinata (Lec.) 50-224  
 99. setulosa (Mann.) 53-216  
 9900. grisea (Lec.) 79-514  
 01. brevicollis Csy. 12-35

Wash.  
 Ga. D.C.  
 L.Sup. Man.  
 Alas.  
 Colo.  
 Wash.

**EXOMELLINI****Exomella Csy. 14-378**  
(*Exoma* || Csy. 08-282)**Exomella Csy.**

9902. pleuralis Csy. 08-282

B.C.

**LIMNICHINÆ****LIMNICHINI****Limnichites Csy. 89-146**

(*Limnichus* † auct.)

9903. nebulosus (Lec.) 79-515  
 04. densissimus Csy. 12-41  
 05. punctatus (Lec.) 54-116  
   olivaceus (Lec.) 54-116  
 06. virginicus Csy. 12-42  
 07. austinianus Csy. 12-42  
 08. perforatus Csy. 89-155  
 09. foraminosus Csy. 12-43  
 10. huronicus Csy. 12-44  
   olivaceus † Csy. 89-154

So. Cal. Tex.  
 Cal.  
 Ind. Pa. Ia. La.  
 Ill. Mich. [Tex.  
 Va.  
 Tex.  
 Cal.  
 Tex.  
 Mich.

**Eulimnichus Csy.**

9915. perpolitus Csy. 89-147  
 16. evanescens Csy. 12-49  
 17. ater (Lec.) 54-117  
 18. nitidulus (Lec.) 54-117  
 19. sculpticeps Csy. 12-50

Miss.-N. Mex.  
 So. Cal. [So. Cal.  
 N. C. Fla. La.  
 Ga. Fla. Ind.  
 R. I.

**Lichminus Csy. 89-146**

9920. tenuicornis Csy. 89-155

No. Cal. So.  
 Cal.

**Limnichoderus Csy. 89-146**

9921. naviculatus Csy. 89-156  
 22. pulvereus Csy. 12-54  
 23. ovatus (Lec.) 54-117  
 24. seriatum Csy. 89-158  
 25. floridanus Csy. 12-55  
 26. lutrochinus (Lec.) 79-515  
 27. lanosus Csy. 12-56  
 28. punctiventris Csy. 89-159

Tex.-So. Cal.  
 Tex.  
 Ga.-La. Fla.  
 Fla. [Ind.  
 Fla.  
 Tex.  
 Tex.  
 Fla.

**Eulimnichus Csy. 89-146**

9911. analis (Lec.) 79-515  
   a. rugiceps Csy. 12-47  
   b. coloradensis Csy. 12-47  
 12. californicus (Lec.) 79-515  
 13. obscurus (Lec.) 54-116  
 14. montanus (Lec.) 79-515

Cal. Tex. Ariz.  
 Ariz.  
 Colo.  
 Cal. So. Cal.  
 N. Y. Fla.  
 Colo.

**BOTHRIOPHORINI****Physemus Lec. 54-117**

(*Ditaphrus* Csy. 86-250)  
 (*Bothriophorus* † auct.)

**Physemus Lec.**

9929. minutus Lec. 54-117  
   scymnoides Csy. 86-252

Tex.-So. Cal.  
 Tex. [Ariz.

**AMPHICYRTINÆ****AMPHICYRTINI****Lioligus Csy. 12-60**

9930. striolatus Csy. 12-61  
 31. keeni Csy. 12-61  
 32. æquabilis Csy. 12-62  
 33. pallidus Csy. 12-62  
 34. nitidus (Mots.) 45-362

B.C.  
 B.C.  
 Vanc.  
 Id.  
 Alas.

**Amphicyrta Er. 43-39**

(*Eucyphus* Mann. 52-341)

9935. chrysomelina Er. 43-40  
   a. oblonga Csy. 12-64  
   b. parvuliceps Csy. 12-65  
 36. elongata Csy. 12-65

Cal.  
 Cal.  
 Cal.  
 Cal.

**Amphicyrta** Er.

9937. *dentipes* Er. 43-40 Cal. So. Cal.  
*hybosoroides* (Mann.) 43-287  
 38. *gentilis* Csy. 12-66 Cal.

**Amphicyrta** Er.

- a. *ventricosa* Csy. 12-66 Cal.  
 9939. *nevadensis* Csy. 12-66 Nev.

## LIOONINI

**Lioon** Csy. 12-67

9940. *speculare* Csy. 12-68 B.C.  
 41. *puncticeps* Csy. 12-69 No. Cal.

**Lioon** Csy.

9942. *simplicipes* (Mann.) 52-342 Alas.  
 43. *inflatum* (Lec.) 68-62 Cal.

## RHYSODOIDEA

## RHYSODIDÆ

Leconte 75; Gestro 10

**Rhysodes** Dalm. 23-93

9944. *americanus* Lap. 36-58 Atl. St.-Mo.  
 Ind. Fla. Ia.  
 N.Y. Mich. Ga.  
 Eur.  
*?exaratus* || Serv. 25-308  
*aratus* Newn. 38-664  
*piceus* Germ. 40-345

**Rhysodes** Dalm.

9945. *hamatus* Lec. 75-163 Cal. So. Cal.  
*aratus* || Chev. 73-209

**Clinidium** Kby. 35-6

9946. *sculptile* Newn. 38-666 Atl. St. Ind.  
*conjugens* Germ. 40-351  
 47. *calcaratum* Lec. 75-164 Vanc. Or.

## CUCUJOIDEA

OSTOMIDÆ<sup>1</sup>

(Temnochilidæ Trogositidæ)

Horn 62; Reitter 75, 76; Léveillé 10; Van Dyke 15, 16; Schaeffer 15, 18; Casey 16

## TENEBROIDINI

**Nemosoma** Latr. 04-239

- (*Nemosoma* auct.)  
 (*Nemosoma* Latr. s. str.)  
 9948. *attenuatum* Van D. 15-27 Cal.  
 (*Monesoma* Léev. 94-144)  
 (*Pseudalindria* Fall 10-126)  
 49. *fissiceps* (Fall) 10-127 Cal.  
 50. *punctatum* Van D. 16-71 Or.  
 51. *schwarzi* Schaeff. 18-191 Ariz.

**Cylidrella** Sharp 91-389

9952. *championi* Wickh. 16-147 Col. Ariz.

**Corticotomus** Sharp 91-390

- (*Nemosoma* Lec. & Horn)  
 9953. *depressus* Schaeff. 18-192 N.J. Pa. Ala.  
 54. *parallelus* (Melsh.) 44-108 N.E. U.S.  
 55. *caviceps* (Fall) 10-127 Cal. Ariz.  
*laeviventris* Casey 16-105 N. Mex. Colo.  
 56. *californicus* Van D. 15-28 Cal.  
 57. *cylindricus* (Lec.) 63-65 E. U.S. Fla.  
 a. *texanus* Schaeff. 18-193 Tex.

**Paraflumis** Csy. 16-107

9958. *estriata* Csy. 16-107 Or.

**Euschaefferia** Leng n. m.

- Stenodema* || Schaeff. 18-193  
 9959. *hicoriae* Schaeff. 18-193 N.C.

**Airora** Reit. 76-18

- (*Alindria* Lec. & Horn nec Er.)  
 9960. *minuta* Schaeff. 18-194 Ariz.  
 61. *æqualis* Reit. 77-172 Cal.  
 62. *polita* Csy. 16-111 Cal.  
 63. *punctiventris* Csy. 16-110 Ariz.  
 64. *bicolor* Csy. 16-110 Cal.  
 65. *teres* (Melsh.) 46-64 Pa.  
 66. *cylindrica* (Serv.) 28-719 E. St. Ind. Fla.  
*niger* (Melsh.) 46-63 Pa.  
 67. *nigrella* (Melsh.) 46-63 Pa.

**Temnochila** Westw. 35-231

- (*Trogosita* Oliv. 90-5 pars.)  
 9968. *hubbardi* Léev. 88-417 Fla.  
 69. *barbata* (Lec.) 63-65 L. Cal.  
 70. *yuccæ* (Cr.) 74-75 S. Cal.  
 71. *edentata* Schaeff. 18-194 Ariz.  
 72. *acuta* (Lec.) 58-63 Tex.  
 73. *peninsularis* Schaeff. 18-196 L. Cal.  
 74. *aerea* (Lec.) 58-63 S. Cal. Ariz.  
*nyenta* Dow 12-70 Ariz.  
 75. *prosternalis* Schaeff. 18-197 Ariz.  
 76. *virescens* (Fab.) 75-817 E. St.  
 a. *chlorodia* (Mann.) 43-301 Pac. Coast.  
*viridicyanea* (Mann.) 43-301 Cal.  
*cyanea* (Reit.) 75-28  
 — *obscura* Reit. 75-18 Not. N. Am.

<sup>1</sup> The Mss. for this family was written by Mr. Charles Schaeffer; except for the substitution of *Euschaefferia* for the preoccupied name *Stenodema*.



**Tenebroides** Pill. & Mitt. 83-87

- (*Tenebrioides* Pal.)  
 (*Trogosita* Oliv. 90-5 pars.)  
 9977. mauritanicus (L.) 58-417 Cosmop. E. & W.S. Fla.  
     a. nitidus (Horn) 62-83 Pa. D. C.  
 78. crassicornis (Horn) 62-83 Cal.  
     pleuralis (Horn) 62-84 Cal.  
 79. californicus (Horn) 62-83 Cal.  
 80. sinuatus (Lec.) 61-344 Cal. Or.?  
 81. soror (Duv.) 57-252 S. Fla.  
     foveatus Blatch. 17-142 Fla.  
 82. occidentalis Fall 10-128 Mont. Col. Ut.  
     N. Mex. Ariz.  
 83. tenuistriatus Fall 10-128 Ariz. N. Mex.  
 84. bimaculatus (Melsh.) 44-110 N. E. St.  
 85. semicylindricus (Horn) 62-85 Ga. Ala. Fla.  
     subaenea (Reit.) 75-77 Tex.  
 86. floridanus Schaef. 18-199 Fla.  
 87. rugosipennis (Horn) 62-87 Pa.  
 88. arizonensis Schaef. 18-198 Ariz.  
 89. collaris (Sturm) 07-246 E. St. Fla.  
     nigripennis Lac. 54-344

**Tenebroides** Pill. & Mitt.

9990. americanus (Kby.) 37-166 E. St.  
     castaneus (Melsh.) 44-109 Fla.  
     a. nigritus (Horn) 62-86 Kan.  
 91. laticollis (Horn) 26-86 S. St. Utah  
     obscurus Horn 62-87  
 92. nanus (Melsh.) 44-110 Pa. Ala. Tex.  
 93. sonorensis Sharp 91-418 Mex. Ariz. Tex.  
     debilis Fall 10-128 Tex.  
 94. corticalis (Melsh.) 44-109 E. St. Ind. Fla.  
     dubia (Melsh.) 44-110 Pa. Fla. Ind.  
     a. intermedius (Horn) 62-84 E. S. Kan.  
 95. limbalis (Melsh.) 44-109 Pa. O.  
 96. marginatus (Beauv.) 11-125 E. St.  
     cucujiformis (Horn) 62-86 Pa. Fla.  
 97. obtusus (Horn) 62-87 Pa. Ala.  
     — depressior (Beauv.) 11-126 N. Am.  
     — subnigra (Beauv.) 11-127 N. Am.  
     — mutica (Beauv.) 11-126 N. Am.  
     — pusillima Mann. 43-303 Alas.  
     — opaca Reit. 75-69 N. Am.  
     — patruelis Reit. 75-70 S. C.

OSTOMINI (*Leperinini*)**Calitys** Thoms. 59-71

- (*Nosodes* Lec. 62-88)  
 9998. scabra Thunb. 84-15 Eur. N. Am.  
     Ariz.  
     serrata Lec. 59-84 Wash. Or. Cal.  
     silphides Newn. 38-378 Can.

**Eronyxa** Reit. 76-57

- (*Ostomodes* Reit. 77-174)  
 9999. pallidus (Mots.) 63-508 Cal.  
     dohrni Reit. 77-174 Cal.  
     lagrioides (Reit.) 76-58 Cal.  
 10000. pilosulus (Cr.) 74-77 Or. S. Cal.  
     01. angustus Csy. 16-284 Id.  
     02. expansus Van D. 16-72 S. Cal.

**Ostoma** Laich. 81-107

- (*Peltis* Kug. 91-508)  
 (*Zimioma* des G. 86-11)  
 10003. ferruginea (L.) 58-361 Eur. H. B. T.  
     Pa. Colo.  
     septentrionalis (Rand.) 38-17 Me.  
     fraterna (Rand.) 38-17 Me.

**Ostoma** Laich.

10004. nigrina Csy. 16-284 B. C.  
     05. pippingskoeldi (Mann.) 52-333 Alas. Cal.  
     (*Grynocharis* Thoms. 59-911)  
 06. oregonensis Schaef. 18-200 Cal.  
 07. quadrilineata Melsh. 44-104 Mich. Ind.  
     marginata Melsh. 44-104 Pa.  
     — grossa (L.) 58-361 Eur. not N. Am.  
     — oblonga (L.) 58-362 Eur. not N. Am.

**Lophocateres** Oll. 83-180

10008. americanus (Mots.) 63-508 Ga.  
     09. pusillus (Klug.) 34-159 † Siam S. C. Tex.

**Thymalus** Latr. 02-133

10010. marginicollis Chev. 42-62 N. E. St. Nfld.  
     fulgidus Er. 44-458

**Lycoptis** Csy. 90-311 & 494

10011. villosa Csy. 90-312 D. C. S. C.

## NITIDULIDÆ

Murray 64; Horn 79; Grouvelle 13

## CATERETINÆ (= BRACHYPTERINI Lec. 61)

**Cateretes** Hbst. 93-11

- (*Cereus* Latr. 96-68)  
 10012. pennatus (Murr.) 64-235 Can. N. Eng.  
     crinitus (Murr.) 64-237 ♂ Tenn. [Ind.  
     13. sericans (Lec.) 59-69 Cal. So. Cal.  
     14. bipustulatus (Payk.) 98-286 Eur. & N.  
     Am. ? Mass. ?

**Anthønæus** Horn 79-273

10015. agavensis (Cr.) 74-76 So. Cal.

**Cercometes** Reit. 75-99

10016. abdominalis (Er.) 43-229 Atl.-Colo. Ind.

**Brachypterus** Kug. 94-560

10017. urticae (Fab.) 92-235 † Atl. St. Colo.  
     Kan. Nfld.  
     Ind. Mich.  
     18. troglodytes Murr. 64-244 Sib. Cal. So. Cal.  
     19. globularius Murr. 64-245 Colo. Mex.  
     20. schaefferi Grouv. 12-387 Tex.

† Introduced.

**Brachypterus** Kug.  
rotundicollis† Schfr. 05-146 (non Murr.)  
**Amartus** Lec. 61-343  
10021. tinctus (Mann.) 43-255 Cal. So. Cal.

**Amartus** Lec.  
ferrugatus Murr. 64-250  
10022. rufipes Lec. 61-344 Cal. So. Cal.  
lateralis Mots. 72-354

## MELIGETHINÆ

**Meligethes** Steph. 30-30  
10023. sævus Lec. 59-6 Mo. Kan.  
24. aeneus (Fab.) 75-78 Eur. & Cal.  
Or. Ind.  
brassicæ† Reit. 75-16 (non Scop.) So. Cal.  
californicus Reit. 71-68  
rufimanus Lec. 57-37

**Meligethes** Steph.  
moerens Lec. 57-37  
10025. mutatus Harold 68-827 Ind. N.Y.-Colo.  
ruficornis || Lec. 59-6 [Ariz.]  
26. seminulum Lec. 57-37 Or. L. Sup.  
(*Acanthogethes* Reit. 71-49)  
27. pinguis Horn 79-312 Nfld.

## CARPOPHILINÆ

CARPOPHILINI (Lec. 61, 82)

**Colopterus** Er. 42-149  
(*Colastus* Er. 43-236)  
10028. morio Er. 43-242 Atl. St. Ind.  
Fla.  
29. maculatus Er. 43-244 M. St.-Tex.  
Fla.  
30. semitectus (Say) 25-182 Atl. St. Ind. Fla.  
31. unicolor (Say) 25-183 Atl. St. Fla.  
obscurus Er. 43-244  
32. truncatus (Rand.) 38-18 Can. Fla. Tex.  
Ind.  
infimus Er. 43-245 Cal. So. Cal.  
a. obliquus Lec. 58-62  
b. limbatus Lec. 58-62 Ariz.  
c. triangularis Murr. 64-282

**Brachypeplus** Er. 42-148  
(*Leiopeplus* Murr. 64-287)  
10033. glaber Lec. 78-398 Fla.

**Conotelus** Er. 43-249  
10034. stenoides Murr. 64-338 Tex. C.-Am.  
35. obscurus Er. 43-352 M. St.-Fla.  
Ind. Conn.  
36. punctatus Schfr. 11-116 Fla.  
37. mexicanus Murr. 64-337 So. Cal. C.-Am.

**Carpophilus** Steph. 30-30  
^ (*Tribrachys* Lec. 61-83)

10038. yuccæ (Cr.) 74-75 So. Cal.  
39. pallipennis (Say) 23-194 Kan.-L. Cal.  
Ariz.  
a. pallens Sharp 89-300 Mex. & U.S.?  
40. floralis Er. 43-261 Mex. & U.S.  
41. floridanus Fall 10-122 Fla. [Ariz.]  
42. hemipterus (L.) 58-358 Ind. Eur. &  
N. Am. Fla. So.  
Cal. Ariz. Can.  
Alas.

**Carpophilus** Steph.  
bimaculatus (L.) 67-569  
10043. dimidiatus (Fab.) 92-261 Cosmop. Ind.  
So. Cal. Conn.  
Fla.  
a. luridus Murr. 64-377  
b. mutilatus Er. 43-258  
44. longiventris Sharp 89-301 Mex. & Ariz.  
45. rufiventris Schfr. 11-115 Ariz.  
46. deflexus Sharp 89-290 Mex. Ariz.?  
47. melanopterus Er. 43-262 Fla. Ga. Tex.  
Mex. Ind.  
a. rufus Murr. 64-371 C.-Am. U.S.  
48. longus Fall 10-123 Ariz.  
49. rickseckeri Fall 10-124 So. Cal.  
50. tempestivus Er. 43-260 W. I. Ga. Fla.  
a. terminatus Murr. 64-389  
51. decipiens Horn 79-279 Ariz.-L. Cal.  
52. niger (Say) 23-195 Ind. Can.-Ariz.  
53. lugubris Murr. 64-255 So. Am. & U.S.?  
Fla. Colo. Tex.  
54. californicus Schfr. 11-115 Cal.  
55. ignobilis Fall 10-124 Ariz.  
?lacertosus Murr. 64-354 Mex.  
56. marginatus Er. 43-262 M. & S. St.  
57. corticinus Er. 43-263 M & S. St. Ind.  
58. brachypterus (Say) 25-183 Pa.-Can. Cal.  
carbonatus Lec. 59-6 L. Sup. [Ind.]  
59. discoideus Lec. 58-62 Ariz. Cal. So.  
apicalis Lec. 59-6 L. Sup. [Cal.]  
caudalis Lec. 59-70  
60. antiquus (Melsh.) 44-105 M. & S. St. Ind.  
punctulatus (Melsh.) 44-105 [Fla.]  
61. nitens Fall 10-125 Ala.  
62. zuni Csy. 84-34 Ariz.  
(*Urophorus* Murr. 64-342)  
63. humeralis (Fab.) 98-74 Trop. Africa,  
&c. † Fla.

## NITIDULINÆ

NITIDULINI Lec. 61, 82

**Haptoncus** Murr. 64-401  
(*Haptoncura* Reit. 75-61)  
10064. luteolus (Er.) 43-272 C.-Am. Tex.  
texanus Cr. 74-76 [Fla.]

**Nitidula** Fab. 75-77  
10065. bipunctata (L.) 58-359 Eur. & N. Am. †

**Nitidula** Fab.  
bipustulata (L.) 61-148 Can. Fla. Colo.  
10066. nigra Schfr. 11-116 Alas. [Ind.]  
67. rufipes (L.) 67-573 Eur. & N. Am.  
obscura Fab. 76-215 H. B. T.-Colo.  
ossium Kby. 37-106 [Ind.]  
68. ziczac Say 25-179 Can. & U.S.  
Ariz.

† Introduced.

**Nitidula** Fab.

- a. humeralis Lec. 59-70 L.Sup. Ind.  
 b. inornata Horn 79-303 [So.Cal.  
 c. uniguttata Melsh. 46-106 Fla.

**Omosita** Er. 43-298

10069. colon (L.) 58-362 Nfld.-Fla. Ind.  
 Eur.&N.Am.†  
 70. discoidea (Fab.) 75-78 Eur. & N.Am.  
 inversa Lec. 57-36 L.Sup. Colo.  
 So.Cal.

**Epuræa** Er. 43-267

- (*Epuræanella* Cr. 74-76) (? *Dadopora* Th.)  
 (*Omosiphora* Reit. 75-56)  
 10071. monogama Cr. 74-76 Vanc.-Cal.  
 72. horni Cr. 74-76 Can.  
 73. helvola Er. 43-273 Ind. Atl.St.-  
 castanea (Melsh.) 46-106 [Colo.L.Sup.  
 rufa Reit. 73-28 (non Say)  
 74. rufa (Say) 25-180 Ind. Atl.& Gulf  
 badia (Melsh.) 46-106 [St.L.Sup.  
 rotundicollis Reit. 73-25  
 (*Epuræa* s. str.)  
 75. integra Horn 79-292 Ariz. Colo.  
 76. ambigua Mann. 43-256 Alas.-Cal.  
 77. erichsoni Reit. 73-25 Can.-Ga. Ind.  
 78. rufida (Melsh.) 46-106 Pa. Ind.  
 79. papagona Csy. 84-35 Ariz.  
 80. corticina Er. 43-270 Gulf St. Ind.  
 81. terminalis Mann. 43-95 Eur. & N.Am.  
 So.Cal.  
 flavomaculata Mäkl. 53-205 Alas. Mass.  
 immunda Sturm 44-59 L.Sup.  
 infuscata Mäkl. 53-206  
 82. adumbrata Mann. 52-336 Alas.  
 83. avara (Rand.) 38-18 U.S. & Can. So.  
 nubila Lec. 57-36 [Cal.  
 84. fulvescens Horn 79-296 Can.  
 85. duryi Blatch. 10-639 Ind.  
 86. linearis Mäkl. 53-205 Alas. B.C.  
 87. truncatella Mann. 46-514 Ind. Can. Alas.  
 nigra Mäkl. 53-204 [Colo. Lab.  
 88. planulata Er. 43-271 Alas. L.Sup.  
 — placida Mäkl. 53-203 Alas.  
 — boreella (Zett.) 28-152 Eur. & N.Am.?  
 Can.?  
 \*  
 89. ovata Horn 79-298 Ind. Can. Cal.  
 Mich. So.Cal.  
 90. alternans Grouv. 12-394 N.Mex.  
 alticola || Fall 07-222  
 91. peltoides Horn 79-298 Mich. Md.  
 92. depressa (Ill.) 98-386 Eur. & N.Am.  
 aestiva || (Fab.) 75-77 Alas. Fla.  
 93. labilis Er. 43-272 Ind. Mich.-Ga.  
 94. umbrosa Horn 79-300 Okla. [Conn.  
 95. obtusicollis Reit. 73-24 D.C.  
 96. scaphoides Horn 79-300 Colo.  
 (*Micrurula* Reit. 84-209)  
 97. macrophthalma Reit. 73-26 N.Am.?

**Stelidota** Er. 43-300

10098. geminata (Say) 25-181 Ind. M. & So.  
 biseriata Reit. 73-15 [Atl. St. Fla.

**Stelidota** Er.

10099. octomaculata (Say) 25-181 Ind. N. Eng.-  
 Fla.  
 10100. strigosa (Gyll.) 08-140 S.C. Ga. Fla.  
 lusca (Gyll.) 08-120 W. I.

**Prometopia** Er. 43-279

10101. sexmaculata (Say) 25-178 M. St.-Tex.  
 02. bidentata Schfr. 09-375 Ariz. [Fla. Ind.

**Lobiopa** Er. 43-291

10103. insularis (Cast.) 40-10 W.I. & Gulf St.  
 decumana Er. 43-295  
 04. setosa Harold 68-104 M. St.-Ut.  
 setulosa || Lec. 63-63  
 undulata (Horn) 79-307  
 05. undulata (Say) 25-179 Ind. Fla. Ct.

**Soronia** Er. 43-277

10106. guttulata (Lec.) 63-64 Can.-Nev.  
 07. substriata Ham. 93-306 Can.  
 08. brunnescens Blatch. 17-238 Fla.  
 — ?grisea H. and Sz. 78-634 (nec L.?)  
 Mich.

**Phenolia** Er. 43-299

10109. grossa (Fab.) 01-347 Can.-Tex. Ind.

**Amphotis** Er. 43-290

10110. ulkei (Lec.) 66-376 Mass.-D.C.  
 11. schwarzi Ulke 87-77 Va.  
 ††

**Camptodes** Er. 43-321

10112. texanus Schfr. 04-203 Tex.

**Amphicrossus** Er. 43-346

10113. ciliatus (Oliv.) 11-210 Ind. Mo. Ga.  
 ?unilineatus (Say) 25-182 [Fla.  
 14. niger Horn 79-317 Ariz.

**Cychramus** Kug. 94-543

10115. adustus Er. 43-346 Va. Ga. Mo.  
 Ind. Conn.  
 16. zimmermanni Horn 79-319 S.C.

**Pocadius** Er. 43-318

10117. helvolus Er. 43-320 Pa. Kan. Ga.  
 brevisculus Reit. 76-318 Mex. [Ind.  
 ferrugineus† Chev. 63-604 Cuba  
 infuscatus Reit. 73-94 Cuba  
 limbatus Reit. 73-95 Cuba  
 18. fulvipennis Er. 43-319  
 dorsalis Horn 79-311 Cal.  
 19. basalis Schfr. 11-117 Ariz.

**Orthopeplus** Horn 79-311

10120. quadricollis Horn 79-312 Colo.

**Cyllodes** Er. 43-342

- (? *Strongylus* Hbst. 92-179)  
 10121. biplagiatus Lec. 66-377 Mass. Mich.

**Oxycnemus** Er. 43-351

- (*Psilopyga* Lec. 53-286)  
 (*Eugoniopus* Reit. 84-264)  
 10122. histrina (Lec.) 53-286 Pa. Ga. Mo.  
 Ind. Conn.

† Introduced.

†† Of the genera that follow, *Amphicrossus*, *Cychramus*, *Cyllodes*, *Pallodes* and *Oxycnemus* (*Psilopyga*) constitute the tribe *Cychramini* (Horn 79) not recognized by Grouvelle.



**Oxycnemus** Er.

10123. nigripennis (Lec.) 63-64 Pa. N.J. Ind.  
24. fasciatus (Sharp) 91-364 Mex. & Ariz.

**Pallodes** Er. 43-348

10125. silaceus Er. 43-350 M. & S. Atl. St.  
unistriatus† Horn 85-90 [Fla. Ind.]  
?pallidus Beauv. 05-157

**Perthalycra** Horn 79-309

10126. murrayi Horn 79-310 Ariz. Nev.-  
Or. So. Cal.

**Thalycra** Er. 43-305

10127. concolor (Lec.) 50-223 L. Sup.

**Quadrifrons** Blatch. 16-92

10128. castaneus Blatch. 16-92 Fla.

**CRYPTARCHINÆ**

IPINI Lec. 61, 82

**Cryptarcha** Shuck. 39-165

10129. ampla Er. 43-356 Ind. M.S.W.  
St. Fla. Conn.  
30. glabra Schfr. 09-375 Ariz.  
31. strigata (Fab.) 87-51 Eur. & Atl. St.  
concinna† Reit. 73-150 Atl.-Colo.  
bella Reit. 73-150  
32. concinna Melsh. 53-41 Ind. M. St. Kan.  
litrata Lec. 63-30 [Tex. So. Cal.]  
picta Melsh. 66-107

**Pityophagus** Shuck. 39-171

10133. cephalotes Lec. 66-377 Pa.  
34. rufipennis Horn 72-146 Or. Vanc. So.  
35. verticalis Horn 79-325 Colo. [Cal.]

**Glischrochilus** Reit. 73-162

(*Ips* || Fab. 76-23)  
(*Librodor* Reit. 84-270)

**Glischrochilus** Reit.

10136. obtusus (Say) 35-168 M. & S. Atl. St.  
Ind.  
37. fasciatus (Oliv.) 90-7 U.S.-Vanc.-  
Ind. Conn.  
bipustulatus (Melsh.) 46-108  
(Eur.?)  
quadriguttatus† (Blatch.) 10-649  
quadrisignata (Say) 35-169  
sempustulatus (Reit.) 73-161  
38. sanguinolentus (Oliv.) 90-8 Lab. Can. Fla.  
rubromaculatus Reit. 73-161  
Tex. Ind.  
(*Glischrochilus* s. str.)  
39. confluentus (Say) 23-195 Can.-Ga. Ind.  
40. vittatus (Say) 37-170 Can. Ut. Alas.  
dejeani (Kby.) 37-107  
sepulchralis (Rand.) 38-19  
41. cylindricus (Lec.) 63-64 Nev.-Or. Man.

**CYBOCEPHALINÆ****Cybocephalus** Er. 44-441

10142. nigritulus Lec. 63-64 Ind. Mich. Ga.  
Fla.

**Cybocephalus** Er.

10143. californicus Horn 79-320 Cal. So. Cal.  
Ariz.

**RHIZOPHAGIDÆ**

Horn 79; Schaeffer 13; Méquignon 14

**Rhizophagus** Hbst. 44-442

(*Rhizophagus* s. str.)

10144. bipunctatus (Say) 24-325 Ind. Can. No.  
sayi Schfr. 13-310 [St.]  
45. longiceps Csy. 16-102 Va.  
46. rectus Csy. 16-102 N.C.  
47. parallelicollis (Gyll.) 27-638  
Eur. & N. Am.  
a. robustus Schfr. 11-118 Ky.  
48. procerus Csy. 84-168 Ariz.  
49. sculpturatus Mann. 52-362 Vanc. Nev.  
horni Méquignon 13-343 [N.Y. Ind. Ariz.]  
50. dimidiatus Mann. 43-300 Alas. Can. N.H.  
dispar† Schfr. 13-309 [Nfld. Ariz.]

**Rhizophagus** Hbst.

10151. approximatus Lec. 66-378 N.Y.  
52. remotus Lec. 66-378 Pa. Can.  
a. luteus Méquignon 13-342  
53. minutus Mann. 53-206 Or. Alas. Can.  
a. quadriguttatus Meq. 13-342 [Mich. Ct.]  
(*Eurhizophagus* Méquignon 09-105)  
54. grouvellei Méq. 13-91 Cal.  
(*Anomophagus* Reit. 07-28)  
55. brunneus Horn 79-327 L. Sup.  
56. fenyessi Méq. 13-91 N. Am.  
(*Syringobidia* Csy. 16-103)  
57. cylindricus Lec. 66-377 Tenn. Ga.

**MONOTOMIDÆ**

Aubé 37; Horn 79; Casey 16

**MONOTOMINÆ****Monotoma** Hbst. 93-22

10158. producta Lec. 55-305 M. St. Fla.  
59. picipes Hbst. 93-24 Eur. Fla. N.Y.  
Ind. Neb. Nev.  
So. Cal.

**Monotoma** Hbst.

10160. foveata Lec. 55-305 M. St. Tex. Cal.  
61. obsolescens Csy. 16-88 D.C.  
62. famelica Csy. 16-89 Cal. Or.

**Monotoma** Hbst.

10163. *fulvipes* Melsh. 44-111 Fla. Pa.-Ill.  
*opaca* Zieg. 44-271 [Ind.  
 64. *quadraria* Csy. 16-90 Cal.  
*?quadrifoveolata* Aubé 37-468 D.C. Eur.  
 65. *americana* Aubé 37-461 Pa.-Ariz. Ind.  
 66. *rhodeana* Csy. 16-91 R.I. [Fla.  
 67. *parallela* Lec. 55-305 Ind. N.Y.  
 Mich. Can.  
 68. *arida* Csy. 16-89 Colo.?  
 69. *mucida* Lec. 55-305 So. Cal.  
 70. *texana* Horn 79-261 Tex.  
 71. *longicollis* Gyll. 27-635 D.C. Pa. Eur.

**Phyconomus** Lec. 61-86

10172. *marinus* (Lec.) 58-64 Cal. So. Cal.

**Hesperobænus** Lec. 61-86

10173. *abbreviatus* (Mots.) 45-371 Cal. Nev. So.  
 [Cal. Ariz.  
*rufipennis* (Lec.) 58-64  
 74. *alternatus* Schfr. 10-213 Ariz.  
 75. *arizonicus* Csy. 16-92 Ariz.  
 76. *rufipes* Lec. 63-65 Mo. Ga. La.

**Leptipsius** Csy. 16-93

10177. *dilutus* Csy. 16-93 Ill.

**Leptipsius** Csy.

10178. *striatus* (Lec.) 58-65 So. Cal. Ariz.  
*?adustus* Reit. 72-14 Mex.

**Europs** Woll. 54-149

- (*Nomophlæus* Lec. 61-86)  
 10179. *pallipennis* (Lec.) 61-86 Pa. Fla. Conn.  
 80. *unicolor* Csy. 16-95 Tex.  
 81. *striatulus* Fall 07-224 N. Mex.

**Macreurops** Csy. 16-96

10182. *longicollis* (Horn) 79-264 Cal. Nev.

**Bactridium** Lec. 61-86

10183. *ephippigerum* (Guér.) 29-190 N.Y. Ind. Mo.  
 84. *erythropterum* (Melsh.) 44-109 [La.  
 Pa. N.C.  
*nanum* Er. 43-360  
 85. *convexulum* Csy. 16-98 Mich.  
*?striolatum* (Reit.) 72-14 Can.-Fla. Ind.  
 86. *hudsoni* Csy. 16-99 N.Y.  
 87. *obscurum* Csy. 16-99 Ind.?  
 88. *curtipenne* Csy. 16-100 Ark.  
 89. *californicum* Fall 17-169 So. Cal.

**Pycnotomina** Csy. 16-100

10190. *cavicolle* (Horn) 79-267 Pa. N.J.

**SMICRIPINÆ** Horn 79*Tisiphoninæ*<sup>1</sup>**Smicrips** Lec. 78-399

- (*Tisiphone* || Reit. 76-296)  
 10191. *palmicola* (Lec.) 78-399 Fla.

**Smicrips** Lec.

- ?hypocoproides* Reit. 76-301 W.I. Fla. So.  
 10192. *texana* Csy. 16-104 Tex. [Cal.

**HYPOCOPRINÆ**<sup>1</sup>**Hypocoprus** Mots. 39-72

10193. *formicetorum* Mots. 39-72 Sib.

**Hypocoprus** Mots.

- tenuis* Csy. 16-137 Colo.

**CUCUJIDÆ**

Casey 84; 16

**SILVANINI**

Reitter 90

**Oryzæphilus** Gangl. 99-584

10194. *surinamensis* (L.) 67-565 Cosmop. Ind.  
 Fla. Conn.  
*sexdentatus* (Fab.) 01-397 [So. Cal.  
*frumentarius* (Oliv.) 90-18  
*cursor* (Fab.) 01-120  
 95. *bicornis* Er. 48-337 Cosmop.  
 96. *mercator* Fauv. 89-132 Cosmop.  
 97. *gossypi* Chitt. 97-12 Cosmop.

**Silvanus** Latr. 07-20

10198. *bidentatus* (Fab.) 01-317 Cosmop. Ind.  
 Fla. So. Cal.  
*sulcatus* (Fab.) 01-555 [Conn.  
 99. *planatus* Germ. 24-466 E.U.S. Ind.  
*zimmermanni* Guér. 29-198 [Fla.

**Silvanus** Latr.

- cognatus* Lec. 54-77 S.C.  
*nitidulus* Lee. 54-78 Pac. Ariz.  
 10200. *imbellis* Lec. 54-77 Ga. Ind. Fla.  
 So. Cal.  
 01. *gemellatus* Duv. 56-250 N.Y. Fla. Ga.  
*quadricollis*† Lec. nec Guér. [Cuba  
 02. *parviceps* Csy. 16-136 (N.Y.?)

**Cathartus** Reiche 54-77

10203. *cassiae* (Reiche) 54-78 Cuba & U.S.  
*?gilæ* Csy. 84-73 Ariz. [Fla.  
 04. *advena* (Waltl.) 34-256 Cosmop. Ind.  
 Fla. So. Cal.  
*guerini* Allib. 47-12 China [Ariz.  
*musæorum* (Zieg.) 46-270 S.C.

<sup>1</sup> The position of these genera is disputed. Casey and Sharp agree in attaching *Smicrips* to *Monotomidæ*; but Casey (1916, p. 137) would place *Hypocoprus* near *Silvanus*.

**Cathartus** Reiche

10205. reetus Lec. 54-78 Ill. D.C.-Ariz.  
Fla.  
06. opaculus Lee. 54-78 Cal. So. Cal.  
07. longulus Blatch. 10-564 Ind. [Ariz.]

**Planismus** Csy. 90-500

10208. floridanus Csy. 90-501 Fla.

**Nausibius** Redt. 58-998

10209. elavicornis (Kug.) 94-511 Cosmop. Ind.  
dentatus (Marsh.) 02-108 Fla. [So. Cal.  
intermedius Smith 51-16  
major Zimm. (Cr. Cheek List)  
10. repandus Lee. 66-379 D.C. Fla.

## PASSANDRINI

**Catogenus** Westw. 35-221

10211. rufus (Fab.) 92-123 U.S. Ind. Ia.  
Md. Fla.  
a. puncticollis Newm. 39-399 N.C. Ind.  
b. monilicornis Csy. 16-115 Fla.  
c. puniceiceps Csy. 16-116 Pa. D. C.  
d. parvus Csy. 16-116 Ind.

**Scalidia** Er. 45-305

- (*Taphroscelidia* Cr. 73-44)  
10212. linearis Lee. 66-70 Tex. Fla.

**Prostomis** Latr. 25-397

10213. mandibularis (Fab.) 75-155  
americana Cr. 74-74 Eur. & Or. Nev.  
[Cal. Vane.]

## CUCUJINI

**Narthecius** Lee. 61-95

10214. grandiceps Lee. 63-70 Fla. Pa. Nev.  
15. simulator Csy. 90-322 Cal. [Mich.  
16. breviceps Csy. 90-323 Fla.  
17. monticola Fall 07-222 N. Mex.  
18. striaticeps Fall 07-222 So. Cal.

**Pediacus** Shuek. 39-185

10219. fuseus Er. 45-313 Cosmop. Lab.  
dermestoides (Schön.) 09-53  
Can. Mich.  
H.B.T. Neb.  
Colo. N. Mex.  
planus Lee. 50-223 L. Sup.  
subcarinatus Mann. 52-363  
Alas.  
20. depressus (Hbst.) 97-286 Cosmop. So.  
Cal. Mich. L.  
Sup. Colo. Pa.  
S.C. [Vane.]  
subglaber Lee. 54-73

**Cucujus** Fab. 75-204

10221. clavipes Fab. 81-257 Atl.-Ia. Ind.  
a. puniceus Mann. 43-303 Pa.

**Inopeplus** Smith 51-4

- (*Inoplectus* † auct.)  
(*Ino* || Lap. 35-135)  
10222. reclusa Lee. 80-186 Tex. Fla. Ala.  
23. immunda Reit. 78-191 Md.

**Læmophlæus** Lap. 37-385

- (*Parandrita* † Lee. 83-133)  
10224. terminalis Csy. 84-83 Tex.  
25. biguttatus Say 25-267 U.S. Ind. Fla.  
bisignatus Guér. 29-205 Neb. [So. Cal.  
26. faseiatus Melsh. 46-113 Pa. U.S. Ind.  
27. fervidus Csy. 16-121 Ill. Kan. [Fla.  
28. californicus Csy. 16-122 Cal.  
29. shastanus Csy. 16-123 No. Cal.  
30. impressifrons Sehfr. 10-213 Ariz.  
31. flavosignatus Sehfr. 10-214 Ariz.  
32. macrocephalus Sehfr. 10-214  
Ariz.  
33. lecontei Grouv. 75-496 Fla.  
34. floridanus Csy. 84-85 Fla.  
35. chamæropis Sz. 78-359 So. St. Fla.  
36. convexulus Lee. 79-2 N.J.-Ia. Mich.  
37. filiger Csy. 16-125 Mass.  
38. sphærops Csy. 16-126 N.Y. D.C.

**Læmophlæus** Lap.

10239. adustus Lee. 54-74 U.S. Pa. Ind.  
40. fraterculus Csy. 16-124 Pa. [Va. Me.  
41. dimidiatus Sehfr. 10-215 Ariz.  
42. modestus Say 25-268 U. S. Fla.  
singularis Smith 51-7 D. C. Tex.  
(*Silvanophlæus* Sharp 94-537)  
43. apertus Csy. 16-128 N.Y. Pa. Ill.  
44. illustris Csy. 16-129 Tex. [Ind.  
45. sobrinus Csy. 16-129 N.C.  
46. liquidus Csy. 16-131 Tex.  
?testaceus (Fab.) 92-96 Cosmop. Ind.  
zimmermanni Lee. 54-75 Md. [Fla.  
bullatus Lee. 54-75 Cal.  
47. nitens Lee. 54-75 Pa. Cal. So.  
gundlachi Grouv. 76-499 C. Am. [Cal.  
48. punctatus Lee. 54-75 S.C. D.C. Ga.  
geminatus Lee. 54-75 La. [Ind.  
49. horni Csy. 84-89 Cal.  
50. disseptus Csy. 16-133 Tex.  
51. rotundicollis Csy. 84-89 S.C. Pa.  
52. quadratus Csy. 84-90 Gulf St.  
53. cephalotes Lee. 54-76 So. Cal.

## (Leptophlæus Csy. 16-135)

54. angustulus Lee. 66-379 D.C. Colo.  
55. schwarzi Csy. 84-91 D. C. Fla.  
56. extricatus Csy. 84-92 Mo.  
57. alternans Er. 45-325 Cosmop. S.C.  
La.

## (Cryptolestes Gangl. 99-612)

58. ferrugineus (Steph.) 28-223 Cosmop. So.  
testaceus || (Payk.) 00-168 [Cal. La.  
monilicornis (Steph.) 28-223  
59. pubescens Csy. 84-93 Cal.  
60. truncatus Csy. 84-93 Mich. Ia.  
61. pusillus (Schön.) 17-55 Cosmop. So.  
Cal.  
minutus Oliv. 95-74 Mass. Alas.  
crassicornis Walzl 39-225 [S.C. La. Conn.  
puberulus Lee. 54-75 Cal.  
longicornis Mann. 43-303 ♂  
Alas.  
62. denticornis Csy. 84-94 Tex. Fla.  
?uncicornis Reit. 76-45 Cuba  
63. adumbratus Csy. 16-134 Tex.  
?addendus Sharp 99-529  
64. fraetipennis Mots. 45-91 Eur. (N. Am.?)  
— pusillimus (Mann.) 43-303 N. Am.?



- Læmophlæus** Lap.  
— reitteri Grouv. 76-33 Brazil  
(N.Am.?)
- Lathropus** Er. 45-327  
10265. vernalis Lec. 66-379 Fla.N.J.-Miss.  
66. pictus Sz. 78-358 Fla. [Conn.  
67. pubescens Csy. 84-96 So.Cal.  
68. striatus Csy. 16-119 Mich.
- Lathropus** Csy.  
10269. robustulus Csy. 16-120 Tex.
- Dysmerus** Csy. 84-97  
10270. basalis Csy. 84-97 N.J.-Fla.
- Rhinomalus** Gemm. 70-124  
10271. texanus Schfr. 04-201 Tex.

## BRONTINI

- Dendrophagus** Schön. 09-50  
10272. cygnæi Mann. 46-515 Alas. No. U. S.  
Can. N.Mex.  
glaber Lec. 50-223 L. Sup.Nfld.  
americanus Mann. 53-207 Alas.[N.Y.Pa.  
?germari Mann. 43-306 Alas.
- Brontes** Fab. 01-97  
(? *Uleiota* Latr. 96-46)  
10273. dubius Fab. 01-97 N.J.-Ia. Ind.  
a. truncatus Mots. 45-92 Cal.  
74. debilis Lec. 54-76 N.J.-Ind.

## HEMIEPEPLINI

- Hemipeplus** Latr. 25-98  
(*Ochrosanis* Pasc. 66-443)  
(*Nemicelus* Lec. 36-340)  
10275. marginipennis (Lec.) 54-79 Ga. Fla.
- Hemipeplus** Latr.  
dohrni Pasc. 66-443  
10275½. microphthalmus (Sz.) 78-360 Fla.

## TELEPHANINI

- Telephanus** Er. 45-329  
(*Heterodromia* Hald. 56-127)  
10276. velox Hald. 51-127 N.J.-Ia. Ind.  
Conn.
- Telephanus** Er.  
atricapillus Er. 45-330 (indesc.)  
10277. lecontei Csy. 84-103 Ariz.

## CRYPTAMORPHINI

- Psammæcus** Latr. 29-135  
(*Cryptamorphia* Woll. 54-156)  
(*Psammæchus* Boudier 34-368)  
(*Pseudophanus* Lec. 59-84)  
10278. desjardinsi Guér. 29-196 Cosmop. Fla.
- Psammæcus** Latr.  
signatus (Lec.) 59-85 Wash.  
musæ Woll. 54-157  
hubbardi (Csy.) 84-167 Fla.

## EROTYLIDÆ

Lacord 42; Lec. 47, 54; Crotch 73; Ganglb. 99; Kuhnt 09, 11

## LANGURIINÆ

Schaeffer 04-05

- Languria** Latr. 04-209  
10279. bicolor (Fab.) 98-50 Fla. La. Kan.  
Ill. D. C.  
thoracica Oliv. 08-88 Pa. Ind.  
puncticollis Say 23-462 La.  
80. femoralis Mots. 60-242 La.  
81. denticulata Schfr. 18-211 Tex.  
apicalis || Schfr. 04-198 Ind. D.C. Pa.  
82. mozardi Latr. 06-66 Kan. Neb. Ct.
- Languria** Latr.  
interstitialis Csy. 16-148 Utah  
10289. californica Fall 01-235 So. Cal.  
90. læta Lec. 54-159 Colo. Tex.  
91. collaris Lec. 54-159 Ga.
- Acropteroxys** Gorh. 87-13  
10292. gracilis Newn. 38-390 N.Y. Pa. Me.  
bicolor† Latr. 04-35 Ind. D.C. [Ill.  
latreillei Lec. 54-160  
nigriceps Mots. 60-242  
obscura Mots. 60-243  
a. inornata Rand. 38-48 Me.  
93. lecontei Cr. 73-351 Ill. Ind. Conn.  
94. divisa Horn 85-139 Colo. N.Mex.  
thoracina Csy. 16-150 Ariz.  
a. texana Schfr. 18-212 Tex.  
95. sanguinicollis Chev. 34-93 Mex. Ariz.?
- Dasydactylus** Gorh. 87-14  
10296. enici Schfr. 04-200 Tex.
83. discoidea Lec. 54-160 Ga. Fla.  
84. tædata Lec. 54-160 Ct. N.Y. N.J.  
rufiventris Mots. 60-242 [D. C.  
85. marginipennis Sz. 78-357 Fla.  
86. angustata (Beauv.) 05-125 N.Y. Pa. N.J.  
D. C.  
a. uhleri Horn 62-188 Ill. Ind. Mo.  
b. pulchra Lec. 54-159  
87. trifasciata Say 23-462 Ind. Atl. St.  
88. convexicollis Horn 68-140 Cal.



## DERODONTIDÆ

(Laricobiidæ Gangl. 99-766)

Schenkling 15

**Laricobius** Rosenh. 46-5  
10350. erichsoni Rosenh. 46-7  
rubidus Lec. 66-99

Eur. & N. Am.  
Mass. N. Y.  
D. C. Mich.  
Wash. [Can.

**Peltastica** Mann.

?reitteri Lewis 89-432 Japan

51. laticollis Fall 16-14

**Derodontus** Lec. 61-100

10353. maculatus (Melsh.) 46-115 Pa. Ind.

54. trisignatus (Mann.) 52-361 Alas.-Vanc.

**Peltastica** Mann. 52-334

10352. tuberculata Mann. 52-334 Alas.-Or.

## CRYPTOPHAGIDÆ

Casey 00

## CRYPTOPHAGINÆ

BIPHYLLINI

(= *Diphyllini*, fam. Erotylidæ in Kuhnt, pars 34, Junk Col. Cat.)**Anchorius** Csy. 00-79

10355. lineatus Csy. 00-80

Ariz.

**Diplocœlus** Guér.

10357. rudis Lec. 63-73

Ind. Fla.

philothermoides Reit. 77-189 [Miss. Tex.

\*

**Diplocœlus** Guér. 36-196

(Marginus Lec. 62-105)

10356. brunneus Lec. 63-73

Ind. S. I.

58. angusticollis Horn 78-605 Mich.

— mus Reit. 77-189 (W. I. or Cal.?)

## CRYPTOPHILINI

**Cryptophilus** Reit. 74-381

10359. integer (Heer) 40-426

Eur. &amp; Tex.

La. Miss. Ind.

## TELMATOPHILINI

**Telmatophilus** Heer 41-417

10360. americanus Lec. 63-70

Can.-Colo.

Ind.

**Tomarus** Er. 47-95

10365. pulchellus Lec. 66-71

R. I.-Miss.

Ind. Fla.

**Loberus** Lec. 61-98

10361. impressus Lec. 63-70

Fla. M. St.

R. I. Ind.

66. obsoletus Csy. 00-85

67. hirtellus Sz. 78-358

Ariz.

Fla.

62. subglaber Csy. 00-83

63. imbellis Csy. 00-83

64. ornatus Schffr. 04-201

N. J.

Fla.

Tex.

68. chamæropis Schffr. 04-202

Tex.

69. bisignatus Horn 95-239

Ariz. L. Cal.

## CRYPTOPHAGINI

**Antherophagus** Latr. 29-507

10370. ochraceus Melsh. 44-115

Pa. N. Y.-

Minn. Ind.

Ut. [Nfld.

Wis. Can.

Alas.

71. pallidivestis Csy. 00-89

72. convexulus Lec. 63-71

73. suturalis Mäkl. 53-208

**Saleblius** Csy. 00-90

10378. sexdentatus Csy. 00-90

Alas.

79. minax Csy. 00-91

Cal.

80. lictor Csy. 00-91

Cal.

montanus Csy. 00-91

Cal.

81. tarsalis Csy. 00-91

Cal.

82. octodentatus (Mäkl.) 52-337

Alas.

**Pharaxonotha** Reit. 75-84

10374. kirschi Reit. 75-44

† Mex. Ill. Tex.

conradti (Gorh.) 98-248

**Cryptophagus** Hbst. 92-172

10383. validus Kr. 56-240

† Greenland

84. acutangulus Gyll. 27-285

Ind. Eur. &amp;

N. Am. † Green-

land

**Emphylus** Er. 46-346

10375. americanus Lec. 79-513

Cal. Ut. Colo.

85. cellaris Scop. 63-16

† Eur. N. Y.

Mich. So. Cal.

Cal. So. Cal.

**Crosimus** Csy. 00-89

10376. obesulus Csy. 00-90

N. Y.

Ia. Ind.

86. debilis Lec. 58-64

Alas.

87. bidentatus Mäkl. 53-208

Alas.

88. confertus Csy. 00-94

Colo.

† Introduced.



**Cryptophagus** Hbst.

10389.	modifer Csy. 00-94	N.J.
90.	parvinoda Csy. 00-94	Ind.?
91.	infuscatus Csy. 00-95	Pa.
92.	plectrum Csy. 00-95	D.C.
93.	cicatricosus Csy. 00-95	N.Y.
94.	politus Csy. 00-95	N.C.
95.	difficilis Csy. 00-95 (Lec. mss.)	L.Sup.
96.	plenus Csy. 00-96	Fla.
97.	amputatus Csy. 00-96	N.C.
98.	croceus Zimm. 69-257	S.C.-Ill.-Ind.
	crinitus Zimm. 69-257	[Conn.
99.	laticlavus Csy. 00-96	Pa. Ind.
10400.	inscitus Csy. 00-97	Cal.
	cribricollis Csy. 00-97	Cal.
01.	brevipilis Csy. 00-97	Cal.
02.	lepidus Csy. 00-97	Cal.
03.	depressulus Csy. 00-98	L.Sup.
04.	porrectus Csy. 00-98	Ut.
05.	antennatus Csy. 00-98	Mich.
06.	valens Csy. 00-98	Pa.
07.	histricus Csy. 00-99	Ut.
08.	fungicola Zimm. 69-257	S.C. Ind.
09.	discedens Csy. 00-99	Ariz.
10.	fumidulus Csy. 00-99	Ut.
11.	lecontei Harold 68-884	So. Cal.
	pilosus    Lec. 58-64	
	hirtulus    Lec. 63-33	
12.	hebes Csy. 00-100	Alas.

**Cryptophagus** Hbst.

10413. *lyraticollis* Csy. 00-100 Cal.  
 14. *otiosus* Csy. 00-100 Cal.  
 15. *lapponicus* Gyll. 27-286 Eur. & N.Am.  
 16. *nodangulus* Zimm. 69-257 Ind. [Alas.  
 17. *saginat* Sturm 45-88 †Eur.& N.Am.  
 — *quadridentatus* Mann. 43-256 [S.C.  
   Alas.  
 — *tuberculosis* Mäkl. 53-338 Alas.  
 — *punctatissimus* Mäkl. 53-209  
   Alas.  
 — *quadrifhamatus* Mäkl. 53-208  
   Alas.  
 — *pubescens* Melsh. 44-114  
 — *gilvellus* Melsh. 44-114  
 — *beringensis* Sahlb. 85-54 Sib. Alas.

**Henoticus** Thoms. 70-67

(*Paramecosoma* Curt. 33-186)

10418. *serratus* (Gyll.) 27-171 Ind. Eur. &  
N. Am. Lab.  
Mich. Colo.  
*denticulata* (Lec.) 50-223 Can. Pa. Mass.  
N. H. So. Cal.  
19. *californicus* (Mann.) 43-256 Cal.  
*inconspicua* (Lec.) 63-33

**Pteryngium** Reit. 87-34

10420. crenatum (Gyll.) 27-171	Eur. & L.Sup.
21. malacum Csy. 00-102	Alas. Ind.

# ATOMARIINÆ

CÆNOSCELINI

**Cænoscelis** Thoms. 63-266

(*Cænoscelis* ‡ auct.)

10422.	<i>ferruginea</i> Sahlb.	17-58	Alas. Ind.
	<i>?testacea</i> Zimm.	69-258	S.C. Ky. Pa.
23.	<i>ochreosa</i> Csy.	00-105	Colo.
24.	<i>parallela</i> Csy.	00-105	Colo.
25.	<i>angusticollis</i> Csy.	00-105	?
26.	<i>shastanica</i> Csy.	00-106	Cal.
27.	<i>macilenta</i> Csy.	00-106	N.Y. Pa.

**Cænoscelis** Thoms.

10428. <i>basalis</i> Csy. 00-106	N.Y.
29. <i>ovipennis</i> Csy. 00-107	N.C.
30. <i>macra</i> Csy. 00-107	Ky.
31. <i>elongata</i> Csy. 00-107	Pa. Ind.
32. <i>obscura</i> Csy. 00-107	Pa.
33. <i>subfuscata</i> Csy. 00-107	Ky. Ind.
— <i>cryptophaga</i> Reit. 75-87	Sib. N.Am.?

# ATOMARIINI

Holdhaus 03

**Atomaria** Steph. 30-46

(*Agathengis* Gozis 86-36)

10434. <i>subnitens</i> Csy. 00-109	Mich.
35. <i>carinula</i> Csy. 00-110	Pa.
36. <i>pumilio</i> Csy. 00-110	Mass.-Ia. Man.
37. <i>patens</i> Csy. 00-110	Mich.-Pa.
38. <i>crassula</i> Csy. 00-110	Pa.-Colo.
39. <i>capitata</i> Csy. 00-111	Colo.
40. <i>quadricollis</i> Csy. 00-111	Colo.
41. <i>constricta</i> Csy. 00-111	Colo.
42. <i>tenebrosa</i> Csy. 00-111	Colo.
43. <i>coloradensis</i> Csy. 00-112	Colo.
44. <i>stricticollis</i> Csy. 00-112	Id.
45. <i>lucida</i> Csy. 00-112	Colo.
46. <i>luculenta</i> Csy. 00-112	Ariz.?
47. <i>forticornis</i> Csy. 00-113	N.Mex. Colo.
48. <i>macer</i> Csy. 00-113	Ariz.
49. <i>ochronitens</i> Csy. 00-113	Cal.
50. <i>undulata</i> Csy. 00-113	Cal.

**Atomaria** Steph.

10451. <i>melas</i> Csy. 00-114	Cal.
52. <i>soror</i> Csy. 00-114	Cal.
53. <i>cribripennis</i> Csy. 00-114	Cal.
54. <i>dispersa</i> Csy. 00-115	Cal.
55. <i>puella</i> Csy. 00-115	Cal.
56. <i>castanea</i> Csy. 00-115	Cal.
57. <i>vespertina</i> Mäkl. 53-210	Alas.
58. <i>parvicollis</i> Csy. 00-116	Cal.
59. <i>subrecta</i> Csy. 00-116	Cal.
60. <i>nigricollis</i> Csy. 00-117	Cal.
61. <i>longipennis</i> Csy. 00-117	Cal.
62. <i>subdentata</i> Csy. 00-117	Cal.
— <i>fuscicollis</i> Mann. 52-338	Alas. Eur.
— <i>planulata</i> Mäkl. 53-210	Alas.
— <i>apicalis</i> Er. 46-395	Eur. N.Am. Mass.-Man.
— <i>nigriventris</i> Steph. 30-69	Eur. So.Cal.
— <i>diluta</i> Er. 46-385	Eur. Id.
— <i>pulchra</i> Er. 46-383	Eur. Me. Cal.

† Introduced.

**Atomaria** Steph.

- *linearis* Steph. 36-70 Eur. Nev. Ia.  
 — *wollastoni* Sharp 67-435 Eur. Can.  
 — *ruficornis* Marsh. 02-325 Eur. So. Cal.

**Anchicera** Thoms. 63-274

10463. *chippiata* Zimm. 69-258 R.I.-Colo.  
 Ind. Man.  
 a. *hesperica* Csy. 00-119 Wash.  
 64. *lætula* Lec. 57-39 Wash. So. Cal.  
 65. *nubipennis* Csy. 00-119 Cal.  
 66. *postpallens* Csy. 00-119 Cal. Nev.  
 67. *distincta* Csy. 00-120 D.C.  
 68. *divisa* Csy. 00-120 Ia.  
 69. *gilvipennis* Csy. 00-120 N.J.  
 70. *saginata* Csy. 00-121 Can.  
 71. *ochracea* Zimm. 69-258 D.C. Ind.  
 Man.  
 ?*fuscata* Schon. 06-100 Eur. N. Am.  
 a. *lacustris* Csy. 00-121 L. Sup.  
 b. *pennsylvanica* Csy. 00-121 Pa.  
 72. *curtula* Csy. 00-122 Can. Conn.

**Anchicera** Thoms.

- a. *pumilio* Csy. 00-122 Ia.  
 10173. *gonodera* Csy. 00-122 N.Y. Ind.  
 74. *riparia* Csy. 00-122 Del.-Fla.  
 75. *subalutacea* Csy. 00-122 R.I.  
 76. *incerta* Csy. 00-123 Colo.  
 77. *brevicollis* Csy. 00-123 Colo.  
 78. *aleutica* Csy. 00-123 Alas.  
 79. *oblongula* Csy. 00-124 Colo.  
 80. *crypta* Csy. 00-124 Ia.  
 81. *pusilla* Payk. 98-295 Eur. & N. Am.  
 82. *fallax* Csy. 00-124 Cal. [Ind.  
 83. *ovalis* Csy. 00-125 Can.-Ia. Ind.  
 84. *fulvipennis* Mann. 46-515 Alas.  
 85. *inepta* Csy. 00-125 Cal.  
 86. *nanula* Csy. 00-125 Cal.  
 — *kamtschatica* Mots. 45-362 Alas. Sib.  
 — *lepidula* Mäkl. 52-338 Alas.  
 — *mesomelas* Hbst. 92-143 N. Am.?

**Tisactia** Csy. 00-126

10487. *subglabra* Csy. 00-126 Ind.

## EPHISTEMINI

**Ephistemus** Steph. 29-167

10488. *apicalis* Lec. 63-72 N.Y.-Ind.

**Ephistemus** Steph.

10489. *cactophilus* Sz. 99-9 Ariz.

## MYCETOPHAGIDÆ

Leconte 56; Horn 78; Casey (Tritomidæ) 00

## MYCETOPHAGINI

**Mycetophagus** Hellw. 92-394

(*Tritoma* Geoff.)

10490. *punctatus* Say 26-260 N.Y. N.C. Ind.  
 91. *flexuosus* Say 26-260 Ind. Conn.-  
 Mont. Fla.  
 a. *bimaculatus* Melsh. 44-114  
*subdepressus* Csy. 00-132 N.C. Ind.  
 92. *serrulatus* Csy. 00-132 Va.  
 93. *pictus* Csy. 00-132 N.Y.  
 94. *quadralius* Csy. 16-172 N.C.  
 95. *tribalteatus* Csy. 16-173 N.C.  
 96. *californicus* Horn 78-604 So. Cal. Wash.  
 97. *provencis* Csy. 16-174 Ut.  
 98. *arizonicus* Schffr. 00-211 Ariz.  
 (*Ilendus* Csy. 00-131)  
 99. *melsheimeri* Lec. 56-13 Tex. Ind.  
 10500. *obscurus* Lec. 56-13 Ga. Ind.  
 01. *pluripunctatus* Lec. 56-13 Ind. Mich.  
 02. *pini* Zieg. 44-270 N.C. Fla.  
 (*Parilendus* Csy. 00-131)  
 03. *bipustulatus* Melsh. 44-114 Mass. Neb.  
 Ind.  
 04. *confusus* Horn 78-605 Colo. Ariz.  
 (*Gratusus* Csy. 00-131)  
 05. *pluriguttatus* Lec. 56-13 Cal. So. Cal.  
 06. *notatulus* Csy. 00-134 B.C.  
 07. *tenuifasciatus* Horn 78-604 N.H.-B.C.  
 08. *obsoletus* Melsh. 44-113 Va. Ind. Mich.

**Typhæa** Curt. 30-70

10509. *fumata* L. 66-654 Cosmop. Ind.  
 Fla. So. Cal.  
 Ariz. Conn.

**Litargus** Er. 46-415

10510. *grandis* Schffr. 10-212 Ariz.  
 (*Litargus* Csy. 00-135)  
 11. *tetraspilatus* Lec. 56-14 Ind. R.I.  
 L. Sup. Fla.  
 (*Litargus* s. str.)  
 12. *sempunctatus* Say 26-261 Ill. Kan. Ind.  
 a. *obsolescens* Csy. 00-135 N.J. Ind. [Fla.  
 (*Alitargus* Csy. 00-136)  
 13. *balteatus* Lec. 56-14 Tex.-So. Cal.  
 Ind. Ariz.  
 14. *inflatus* Lec. 56-14 Ill. Fla.  
 a. *transversus* Lec. 56-14 Cal.  
 (*Litargellus* Csy. 00-136)  
 14. *nebulosus* Lec. 56-15 Pa.-Ut.  
 N. Mex. Fla.  
 15. *longulus* Csy. 16-175 N. Mex.  
 16. *pallens* Csy. 16-175 N.Y.  
 (*Paralitargus* Csy. 00-136)  
 17. *didesmus* Say 26-261 R.I. Fla. Ill.  
 Ind. Man.  
 18. *asperulus* Csy. 00-136 Dak.  
**Thrimolus** Csy. 00-137  
 10519. *minutus* Csy. 00-137 Tex. Ind.  
 20. *duryi* Csy. 16-176 Ohio

## MYRMECHIXENINI

**Myrmecixenis** Chev. 35-267

(*Myrmecoxenus* Chev. 35-267)

**Myrmecixenis** Chev.

10521. *latridioides* Cr. 73-363 S.C.-So. Cal.  
 Tex.

## COLYDIIDÆ

Horn 78; Casey 90, 97; Kraus 12

## MEGATAPHRINI

**Megataphrus** Csy. 90-30910522. *tenuicornis* Csy. 90-310 No. Cal.RHAGODERINI<sup>1</sup>**Rhagodera** Er. 45-25510523. *tuberculata* Mann. 43-300 Alas.-Ariz.  
24. *costata* Horn 67-293 Ariz. [So. Cal.]**Anchomma** Lec. 58-6310525. *costatum* Lec. 58-63 So. Cal.

## SYNCHITINI

**Synchita** Hellw. 92-40110526. *laticollis* Lec. 63-66 N.Y.-N.C.  
27. *variegata* Lec. 58-63 So. Cal.  
28. *obscura* Horn 85-140 D.C.  
29. *parvula* Guér. 29-189 Fla. M. St.  
Ind.  
(*Endeitoma* Sharp 94-450)  
30. *fuliginosa* Melsh. 46-111 M. St. Ga. Fla.  
*nigripennis* Lec. 63-67 Fla. Mich.  
31. *granulata* Say 25-266 Fla. Pa. Ga.  
32. *dentata* Horn 85-139 Fla. [Mo. Ind.]**Eucicones** Sharp 94-453

(Cicones † Horn nec Curtis)

10533. *marginalis* (Melsh.) 46-112 Pa.-Kan. Ind.  
34. *latus* Csy. 97-632 Ind.?**Acolobicus** Sharp 88-45210535. *lineaticollis* (Horn) 78-564 S.C. Fla.**Bitoma** Hbst. 93-261

(Ditoma G. &amp; H. Cat. 851)

(Eulachus Lec. nec Er.)

(Synchytodes Cr. 73-45)

10536. *carinata* (Lec.) 63-68 Ga. Fla.  
37. *vittata* Schffr. 07-137 Tex.  
38. *quadricollis* Horn 85-140 N.C. O. Fla.  
39. *pinicola* Schffr. 07-138 N.J.  
40. *ornata* Lec. 58-63 So. Cal. Ariz.  
41. *quadriguttata* Say 25-266 M. St.-Tex.  
Ind. Fla.  
Conn. Mich.  
*zimmermanni* Guér. 29-194  
42. *granulata* Blatch. 10-552 Ind.  
43. *discolor* Schffr. 07-138 Fla. Cuba  
44. *prosopis* Schffr. 07-139 Tex.  
45. *suffusa* Csy. 97-631 Ariz.  
46. *sulcata* Lec. 58-63 So. Cal. Ariz.  
47. *gracilis* Sharp 94-460 Ariz. Mex.**Eudesmula** Ckll. 06-241

(Eudesma || Lec. 63-66)

10548. *undulata* (Melsh.) 46-110 Pa. O.**Endophlæus** Er. 45-25610549. *nosodermoides* Horn 78-567 Cal.**Phlæonemus** Er. 45-25810550. *catenulatus* Horn 78-568 So. Cal. Ariz.  
? *adhærens* Sharp 94-451**Coxelus** Latr. 29-3110551. *guttulatus* Lec. 63-65 M. St. Ind.  
52. *pacificus* Horn 78-569 Vanc.  
53. *serratus* Horn 85-142 Cal.**Lasconotus** Er. 45-25810554. *flexuosus* Kraus 12-28 Wash.  
55. *complex* Lec. 59-282 Tex. Ut.-  
Vanc.  
56. *tuberculatus* Kraus 12-28 Colo.-Cal.  
57. *nucleatus* Csy. 90-314 Cal. Or.  
58. *borealis* Horn 78-570 Mich. N.H.  
59. *intricatus* Kraus 12-30 Wash.  
60. *pertenuis* Csy. 90-313 Cal.  
61. *linearis* Cr. 74-75 So. Cal.  
62. *apicalis* Csy. 90-315 Cal.  
63. *schwarzi* Kraus 12-31 Id.-Vanc.  
64. *vegrandis* Horn 85-140 Cal.  
65. *referendarius* Zimm. 69-254 D.C. Fla. Tex.  
66. *servus* Horn 85-141 So. Cal. Ariz.  
67. *simplex* Lec. 66-378 Cal. Ariz.  
N.Mex.  
68. *planipennis* Kraus 12-32 N.Mex.-Cal.  
69. *fiskei* Kraus 12-33 Tex.  
70. *bitomoides* Kraus 12-33 So. Cal. Ariz.-  
N.Mex.  
71. *pusillus* Lec. 63-57 O. N.C. Ga.  
Fla. Tex. Neb.  
72. *subcostulatus* Kraus 12-34 Neb.-Wash.  
73. *laqueatus* Lec. 66-378 Ariz. Neb.-  
N.Mex.  
74. *conceavus* Csy. 90-315 Colo.-Ariz.**Lobogestoria** Reitter 78-31

(Aditoma Csy. 97-630)

10575. *gibbicollis* Reit. 78-31 Cuba  
*bifida* Csy. 97-630 Fla. Ga.

## COLYDIINI

*Colydii***Aulonium** Er. 45-27510576. *parallelopipedum* (Say) 25-263 U.S. Ind. Fla.  
*aquicollis* Lec. 59-81 Cal.10577. *longum* Lec. 66-378 N. Ariz. Colo.  
Or. So. Cal.78. *tuberculatum* Lec. 63-67 Ind. Ga.-Va.  
? *bicolor* Hbst. 97-285 Eur. [La. Fla.]  
79. *ferrugineum* Zimm. 69-254 S.C.-Fla.<sup>1</sup> *Lycopsis* Csy. 90-311 will be found in *Ostomidæ*, p. 194.



**Colydium** Fab. 93-495  
10580. *lineola* Say 25-264

*nigripenne* Lec. 63-67  
? *longiusculum* Say 25-264

*Nematidii*

**Nematidium** Er. 45-275  
10581. *mustela* Pasc. 63-34  
*filiforme* Lec. 63-68

Ind. Pa. La.  
Or. Vanc. Fla.  
[Conn.]

N.C. Fla. La.

**Nematidium** Er.  
? *cylindricum* (Fab.) 01-557

*Agleni*

**Aglenus** Er. 45-285  
10582. *brunneus* (Gyll.) 08-711 †Eur. & N. Am.  
Mo. Cal.  
So. Cal.

*obsoletus* (Shuck.) 40-27

DERETAPHRINI

**Oxylæmus** Er. 45-282  
10583. *americanus* Lec. 63-68  
84. *californicus* Cr. 74-75

Pa.  
So. Cal.

**Deretaphrus** Newn. 42-403  
10585. *oregonensis* Horn 72-146 Or.

**Sosylus** Er. 45-288  
(*Pleuridium* Lec. 62-91)  
10586. *costatus* Lec. 63-68  
87. *dentiger* Horn 78-582  
88. *extensus* Csy. 97-633

S. C. Fla.  
L. Cal.  
Tex. Fla.

PYCNOMERINI

**Penthelispa** Pasc. 63-36  
(*Endectus* Lec. 63-91)  
10589. *hæmatodes* (Fab.) 01-562 Pa.-Tex. Fla.  
*brevicornis* Melsh. 44-112  
90. *reflexa* (Say) 25-262 Pa.-Ga. Ind.

**Penthelispa** Pasc.  
*nitidus* (Lec.) 63-69

**Pycnomerus** Er. 42-214  
10591. *sulcicollis* Lec. 63-69 So. St. Ind. Fla.

BOTHRIDERINI

**Bothrideres** Er. 45-288  
10592. *geminatus* (Say) 25-262 Atl.-Tex. Ind.  
Fla.  
93. *montanus* Horn 78-587 Colo. Ariz.  
94. *cactophagi* Sz. 99-10 Ariz.

**Erotylathris** Mots. 61-130  
(*Prolyctus* Zimm. 69-274)  
(*Machlotes* Pasc. 63-36)  
10596. *exaratus* (Melsh.) 46-111 So. St. O.  
*geminatus* Hald. 44-104

**Lithophorus** Sharp 94-487  
10595. *succineus* Pasc. 60-108 Tex.

CERYLONINI

**Cerylon** Latr. 07-205  
10597. *sylvaticum* Csy. 97-635 Id. Cal.  
98. *castaneum* Say 25-259 Atl.-Ill. Ind.  
*angustulum* Lec. 63-69 [Ariz.]  
99. *unicolor* Zieg. 46-70 Atl.-Ill.  
10600. *simplex* Lec. 57-39 Cal.  
01. *sticticum* Csy. 97-636 Ia.  
02. *clypeale* Csy. 97-636 Kan.

**Cerylon** Latr.  
10603. *californicum* Csy. 90-316 Cal.  
**Philothermus** Aubé 43-93  
10604. *glabriculus* Lec. 63-69 Atl. St. Ind.  
Fla. Mich.  
Fla.  
05. *puberulus* Sz. 78-361

MURMIDIIDÆ<sup>1</sup>

**Murmidius** Leach 22-41  
10606. *ovalis* Beck 17-1 †Eur. & N.  
Am. D. C. La.  
Alas. Cal.

**Botrodus** Csy. 90-319  
10608. *estriatus* Csy. 90-320 Tex. Fla.

**Lapethus** Csy. 90-317  
10609. *discretus* Csy. 90-318 Cal.

**Mychocerus** Er. 45-292  
10607. *depressus* (Lec.) 66-376 D. C. S. C. O.  
Fla.

**Eupsilobius** Csy. 95-454  
10610. *politus* Csy. 95-455 So. Fla.

MONÆDIDÆ

(= *Adimeridæ*)

**Monædus** Horn 82-116  
(*Adimerus* Sharp 94-441)

**Monædus** Horn  
10611. *guttatus* Lec. 82-116 Fla. W. I.

† Introduced.

<sup>1</sup> This family has been divided into four tribes by Casey.

## LATHRIDIIDÆ

Aubé 43; Leconte 55; Belon 97; Fall 99

## MEROPHYSIINI

**Holoparamecus** Curtis 33-186

10612. *ragusæ* Reit. 75-309 Pa. Mo.  
 13. *singularis* Beck 17-14 Eur. & N.  
 14. *kunzei* Aubé 43-245 Am. (?) †N.Y.  
 N.Y. So. Cal. [Ariz.]

**Holoparamecus** Curtis

- (*Calyptribium* Aubé 43-241)  
 10615. *pacificus* Lec. 63-72 So. Cal. Ariz.  
 16. *floridanus* Fall 99-109 Fla.  
 17. *caularum* Aubé 43-244 So. Cal. Eur.

## DASYCERINI

**Dasycerus** Brong. 99-115

10618. *carolinensis* Horn 82-117 N.C. Ga.  
 19. *angulicollis* Horn 82-117 Cal.

**Dasycerus** Brong.

- grouvellei* Bel. 88-98

## LATHRIDIINI

**Metophtthalmus** Woll. 54-192

- (*Bonvouloiria* Duv. 59-245)  
 10620. *parviceps* (Lec.) 55-304 Cal.  
 21. *americanus* Mots. 66-233 Ala.  
 22. *rudis* Fall 99-115 Cal. So. Cal.  
 23. *trux* Fall 99-115 Tex. So. Cal.  
 24. *albosignatus* Fall 99-115 Fla.  
*biscayniana* Sz. mss.

**Lathridius** Hbst. 93-3

- (*Stephostethus* Lec. 78-601)  
 10625. *productus* Rosenh. 56-351 N. Am. ? Eur.  
 26. *lardarius* DeG. 75-45 Eur. & Alas.  
 27. *breviclavus* Fall 99-117 Mich. L.I.  
 28. *armatus* Fall 99-118 Cal. So. Cal.  
 29. *montanus* Fall 99-118 Colo.  
 30. *costicollis* Lec. 55-303 Colo.-B.C.  
 ?*fulvipennis* Mann. 53-213 Alas.  
 31. *liratus* Lec. 63-72 Ind. Can.  
 N. Eng. D.C.  
*trilobatus* Mots. 66-240 N. Am. [Man.  
 32. *bergrothi* Reit. 80-53 Greenland  
 — *cinnamopterus* Mann. 53-213 Alas.  
 — *curtulus* Mann. 53-215 Alas.

**Coninomus** Thoms. 63-217

10633. *constrictus* Gyll. 27-138 Cosmop. So.  
 Cal.  
*carinatus* Gyll. 27-137 Alas. Mich.  
*incisus* Mann. 44-80 [Ill. Ariz. Man.  
*sculptilis* Lec. 55-303  
 34. *australicus* Bel. 87-223 Cal. So. Cal.  
*sculptilis* Bel. 87-222 (non Lec.)  
 35. *nodifer* Westw. 38-55 Eur. Wash.  
 — *strangulatus* Mann. 53-214 [Or. Cal. Va.

**Enicmus** Thom. 59-63

- (*Conithassa* Thom. 59-93)  
 10636. *protensicollis* Mann. 43-299 Alas.  
*sobrinus* Mann. 52-362  
*quadricollis* Mann. 43-299  
 37. *suspectus* Fall 99-125 Or. So. Cal.  
 38. *desertus* Fall 99-125 Ariz. So. Cal.  
 39. *hirtus* Gyll. 27-139 Eur. N. H.  
 N.Y. Mont.  
 40. *nigritus* Fall 99-126 Wash. Cal.  
 41. *consimilis* Mann. 44-99 Ind. Eur.  
*parallellicollis* Mann. 44-101 [Alas Mich.

**Enicmus** Thom.

10642. *minutus* (L.) 58-675 Ind. U.S. &  
 Can. Lab.  
 Nfld. So. Cal.  
 †Greenland  
 Cosmop. Alas.  
 La. Mass.  
*reflexus* Lec. 55-304  
 43. *crenatus* Lec. 55-304 Cal. Ut. Tex.  
 44. *laeviventris* Fall 99-128 Or. [So. Cal.  
 45. *strenuus* Fall 99-128 Colo.  
 (*Enicmus* s.str.)  
 46. *aterrimus* Mots. 66-253 Mass.-So. Cal.  
 ?*brevicornis* Mann. 43-102 Eur.  
*opaculus* Lec. 78-600  
*ferrugineus* Bel. 95-92 Fla.  
 a. *nitens* Fall 99-129 Mich. Man.  
 47. *duplicatus* Lec. 78-600 Ill. Mich.  
 48. *maculatus* Lec. 78-600 Va. O. Mich.  
 49. *crassipunctatus* Fall 99-130 Ariz.  
 50. *fictus* Fall 99-131 H.B.T. Mont.  
 Colo. Cal.  
 51. *mimus* Fall 99-131 Colo. Id. Man.  
 52. *vanus* Fall 99-132 Colo.  
 53. *mendax* Fall 99-132 Ariz.  
 54. *ventralis* Fall 99-133 Cal.  
 55. *cordatus* Bel. 95-91 Or. B.C.  
 56. *tenuicornis* Lec. 78-601 Ariz. Cal.-  
*laticollis* Lec. 78-601 [N.Y. So. Cal.  
 57. *sulcatulus* Fall 99-134 Cal.

**Cartodere** Thom. 59-219

10658. *quadrioveolata* Fall 99-136 Cal.  
 59. *ruficollis* Marsh. 02-111 †Eur. Mass.  
*pulicaria* Melsh. 44-115 [Or. Ind. Conn.  
 60. *costulata* Reit. 77-114 †Eur. Mass.  
 Pa. Mich.  
 61. *filiformis* Gyll. 27-143 †Eur. Pa.  
 Mich. Mo.  
 62. *argus* Reit. 84-35 †Eur. Mich.-  
 Or. So. Cal.  
 63. *intermedia* Bel. 84-192 N. Am.  
 64. *filum* Aubé 50-334 †Eur. N.Y.  
 Can. Colo.  
 65. *elegans* Aubé 50-334 †Eur. D.C.  
 — *cordicollis* Mann. 43-300 Alas. [Mich.

**Adistemia** Fall 99-141

10666. *watsoni* (Woll.) 71-253 †Eur. D.C.

† Introduced.

**Eufallia** Mutt. 10-162

(Belonia || Fall 99-142)

10667. seminiveus (Mots.) 66-265 Cuba  
unicostata Bel. 87-225 Mex. Fla.

**Revelieria** Perris 70-12

10668. californica Fall 99-144 Cal. So. Cal.

## CORTICARIINI

**Corticaria** Marsh. 02-106

10669. pubescens Gyll. 27-123 Eur. Mass.-  
Ia. Mich.  
grossa Lec. 55-299 Mass.  
70. rudis Fall 99-150 N.Mex.  
71. fulva Com. 37-39 Cosmop. Man.  
72. varicolor Fall 99-151 Mich.-Colo.  
Mont.  
73. parallela Fall 99-152 Colo. Alb.  
74. valida Fall 99-153 N.Ill.-B.C.  
75. inopia Fall 99-153 Cal.-Nev.  
76. planula Fall 99-154 So. Cal. Colo.  
Mont.  
77. salpingoides Mots. 67-64 Cal. B.C.  
78. columbia Fall 99-155 B.C.  
79. serricollis Lec. 55-299 L. Sup. Can.  
80. poculifera Fall 99-157 Nev. [N.H.  
81. prionodera Lec. 55-300 Cal.  
82. carolina Fall 99-158 S.C.  
83. cribricollis Fall 99-159 Tex.  
84. amplicollis Fall 99-159 N.C.  
85. serrata (Payk.) 00-300 Ct. Cosmop.  
Ind. Fla.  
octodentata Say 23-325 Neb. N.Y.  
Mich. So. Cal.  
N.H. L. Sup.  
La.  
So. Cal.-Colo.  
Ariz.  
89. dentigera Lec. 55-300 Mich. Lab.  
Mass. Colo.  
Wash. Fla.  
Cal. So. Cal.  
Tex.  
Mass. Mich.  
Fla.  
93. elongata Gyll. 27-130 So. Cal.  
Cosmop.  
Mich. Ind.  
Fla.  
94. ferruginea Marsh. 02-111 Ct. Cosmop.  
Ind. Nfld.  
Lab. Fla.  
So. Cal.  
Mich. Alas.  
deleta Mann. 53-212 L. Sup.  
denticulata Kby. 37-110 L. Sup.  
kirbyi Lec. 55-300 N.Y.  
obtusa Lec. 55-300 L. Sup.  
rugulosa Lec. 55-300 L. Sup.  
— canaliculata Mann. 53-211 Alas.  
— debilis Mots. 67-61 Pa.  
— depressiuscula Mots. 67-72 N. Am.  
— ferruginosa Mots. 67-73 Ga.  
— spinulosa Mann. 52-361 Alas.  
— striatopunctata Mots. 67-56 Pa.  
— transversalis Gyll. 27-133 Eur. (N. Am.?)

**Melanophthalma** Mots.

10696. picta Lec. 55-303 Ind. Mass.  
Tex. Fla.  
Cal. So. Cal.  
Md. Fla. Cal.  
[So. Cal. Ariz.  
97. casta Fall 99-172  
98. simplex Lec. 55-303  
nigripennis Mots. 67-96  
subimpressa Zimm. 69-256  
(Melanophthalma s. str.)  
99. villosa Zimm. 69-256 N.H.-Cal.  
10700. insularis Fall 99-174 So. Cal. Ids.  
01. distinguenda Com. 37-38 Cosmop. Ind.  
Conn. L. Sup.  
Fla. Can.  
Mass. So. Cal.  
Pa. Ill. Ala. Ga.  
pusilla ‡ Melsh. 44-116 (non Mann.)  
morsa Lec. 55-302  
rufula Lec. 55-303  
subangulata Mots. 66-281  
02. floridana Fall 99-175 Fla.  
03. pumila Lec. 55-302 N.H.-B.C.  
04. aculifera Fall 99-175 Fla. [Ind.  
(Corticaria Reit. 80-58)  
05. gibbosa Hbst. 93-5 Cosmop. Ind.  
So. Cal.  
06. incompta Fall 99-177 So. Cal.  
07. similata Gyll. 27-134 Vanc.-So. Cal.  
herbivagans Lec. 55-302 Cosmop.  
laevis Lec. 55-302  
08. regularis Lec. 55-301 N.J.  
09. terricula Fall 99-178 Wy.  
10. alberta Fall 99-179 Alb.  
11. longipennis Lec. 55-300 Ind. Mass. Ia.  
Fla.  
12. americana Mann. 44-50 Pa.-Vanc.  
Ind. Ariz.  
compta Lec. 55-301 So. Cal.  
expansa Lec. 55-301 So. Cal.  
grata Lec. 55-301 L. Sup.  
scissa Lec. 55-301 So. Cal.  
13. cavicollis Mann. 44-57 N.H.-Mont.  
angularis Lec. 55-301 [Ind. Fla.?  
14. tenella Lec. 55-301 So. Cal.  
— pusilla Mann. 44-48 Cal.  
— exigua Mann. 53-212 Alas.  
— orbicollis Mann. 53-211 Alas.  
— helvola Mots. 66-275 Pa.  
— inculta Mots. 66-283 Ga.  
— inermis Mots. 66-283 La.  
— cylindrinotata Mots. 66-288 Cal.  
— rectangula Mots. 67-87 La.  
— ovipennis Mots. 67-81 Pa.  
— pullula Mots. 67-89 Ala.  
— serricella Mots. 67-93 Ala.  
— planiuscula Mots. 67-94 Ala.

**Melanophthalma** Mots. 66-269

(Cortilena Mots. 67-95)

10695. chamæropis Fall 99-171 Fla.

**Fuchsina** Fall 99-183

10715. occulta Fall 99-183 Cal. So. Cal.



## MYCETÆIDÆ

Csiki 10

## MYCETÆINI

**Mycetæa** Steph. 30-80

10716. *hirta* (Marsh.) 02-124 Eur. & N.Am.  
Md. N.Y.  
Mich. Pa.  
Mass.

## LIESTHINI

**Rhanis** Lec. 53-360

10717. *unicolor* (Ziegl.) 44-272 M. & S.St. Ind.  
*apicalis* (Melsh.) 46-177  
*hæmorrhoidalis* (Guér.) 57-275

**Phymaphora** Newn.

- crassicornis* (Melsh.) 46-176  
*puncticollis* (Ziegl.) 44-271  
10719. *californica* Horn 80-142 Cal.

**Phymaphora** Newn. 38-389

10718. *pulchella* Newn. 38-389 Can.M. & S.  
St. Ind. Man.

## ENDOMYCHIDÆ

Leconte 52; Gerstaecker 58; Crotch 73; Gorham 73; Csiki 10

## ENDOMYCHINÆ

## LYCOPERDININI

**Lycoperdina** Latr. 07-73

- (*Gorgia* Muls. 46-20)  
10720. *ferruginea* Lec. 24-172 M. & S.St. Ind.  
*angulata* (Say) 25-303 Conn. L.Sup.  
*glabrata* Guér. 57-271

**Aphorista** Gorch.

- a. ovipennis* Csy. 16-144 L.Sup.

**Mycetina** Muls. 46-15

10727. *perpulchra* (Newn.) 38-390 M.S. & W.St.  
Ind. Conn.  
L.Sup.

**Aphorista** Gorch. 73-45

10721. *humeralis* Gorch. 73-45 Cal.  
22. *læta* (Lec.) 52-358 So.Cal.-Vanc.  
23. *limbata* (Horn) 70-96 Cal.  
*endomychoides* (Fall) 01-304 Cal.  
24. *morosa* (Lec.) 59-82 So.Cal.  
25. *pallida* (Horn) 70-96 Colo.  
26. *vittata* (Fab.) 87-44 M. & S.St. Ind.

- quadriguttata* (Melsh.) 46-176  
28. *horni* Cr. 73-360 Cal. Or.  
29. *idahoensis* Fall 07-174 Idaho  
30. *testacea* (Ziegl.) 44-272 M. & St. Ind.  
*ferruginea* Guér. 57-267 [Conn.  
*lutea* (Melsh.) 46-176  
*pilosa* (Melsh.) 46-176

- lineata* (Oliv.) 08-1072  
*distincta* (Say) 25-303

Conn. L.Sup.  
[Man.]

**Xenomycetes** Horn 80-141

10731. *morrisoni* Horn 80-141 Nev.

## EPIPOCINI

**Epipocus** Germ. 43-86

10732. *cinctus* Lec. 52-358 Tex. Mex.  
33. *mutilatus* Gerst. 58-249 Tex. Mex.  
34. *punctatus* Lec. 52-358 Ga. Fla.  
35. *discoidalis* Lec. 52-358 Tex.  
36. *bivittatus* Gerst. 58-243 Tenn. S.C. Fla.

**Epipocus** Germ.

10737. *unicolor* Horn 70-96 Ariz. Colo.

**Epopterus** Chev. 44-380

10738. *partitus* Gerst. 58-277 Mex. Tex.

## STENOTARSINI

**Stenotarsus** Perty 32-112

10739. *hispidus* (Hbst.) 99-374 Conn. Fla. O.  
*limbatus* (Guér.) 57-270  
*vestitus* (Say) 25-304  
40. *solidus* Csy. 16-144 N.C.

**Anamorphus** Lec. 78-445

10742. *pusillus* (Zimm. mss.) Lec. 78-445  
43. *waltoni* Blatch. 18-423 Ohio [Fla.]

**Rhymbus** Gerst. 58-347

10744. *ulkci* (Cr.) 73-362 D.C. Fla. Ind.  
*a. granulatus* (Blatch.) 10-535 Ind.  
45. *minor* (Cr.) 73-362 D.C. Ill. Ga.  
*minutus* Gorch. 73-56 [La. Ind.]

**Rhymbomicrus** Csy. 16-139

- (*Alexia* † auct.)  
10741. *lobatus* (Lec. & Horn) 83-121

**Rhymbus** Gerst.

- (*Symbiotes* Redt. 49-198)  
 10746. *impressus* (Dury) 12-102 Ohio  
 47. *waltoni* (Dury) 12-103 Ohio  
 48. *duryi* (Walton) 10-536 Ohio

**Rhymbus** Gerst.

10749. *montanus* Csy. 16-140 Colo.  
 50. *lacustris* Csy. 16-141 Mich.  
 51. *oblongus* Csy. 16-142 Pa.  
 52. *pilosus* Csy. 16-143 N.Y.

## ENDOMYCHINI

**Endomychus** Panz. 95-175

10753. *biguttatus* Say 24-96 M.S.W.St.  
 Ind. Conn.  
 L.Sup.

## PHALACRIDÆ

Leconte 56; Casey 90, 16

*Phalacri***Phalacrus** Payk. 98-438

10754. *vernatus* Csy. 16-37 N.C.  
 55. *sayi* Csy. 90-96 N.Mex. Ariz.  
 56. *penicillatus* Say 34-91 Colo. N.Mex.  
 Ariz. So. Cal.  
 57. *rupimontis* Csy. 16-38 Wy.  
 58. *capax* Csy. 16-38 So. Cal.  
 59. *ovalis* Lec. 56-15 So. Cal.  
 60. *californicus* Csy. 16-39 Cal.  
 61. *atrolucens* Csy. 16-39 Cal.  
 62. *jejunus* Csy. 16-39 Cal.  
 63. *obsidianus* Csy. 16-40 Tex.  
 64. *simplex* Lec. 56-16 Ia. Tex. Colo.  
 65. *subacutus* Csy. 16-40 Colo. [Ut.  
 66. *validiceps* Csy. 16-41 N.Mex.  
 67. *mediocris* Csy. 16-41 Colo.  
 68. *illini* Csy. 16-41 No. Ill.  
 69. *conjunctus* Csy. 90-99 So. Cal. Ariz.  
 70. *arizonicus* Csy. 16-42 Ariz.  
 71. *seriatus* Lec. 56-15 Colo. Kan.  
 72. *pumilio* Lec. 56-16 Ga. Ind. Fla.  
 Conn.  
 73. *politus* Melsh. 46-102 Ind. R. I.  
 Mich. N.C.  
 Mo. Fla.  
 Tex.-Mex.  
 74. *subtropicus* Csy. 16-43

**Phalacropsis** Csy. 90-101

10775. *dispar* (Lec.) 79-513 Colo.

*Olibri***Olibrus** Er. 45-113

10776. *vittatus* Lec. 68-50 Fla. N.Y.-  
 N.Mex.  
*nigricollis* Lec. 68-50 N.Y. Dak.  
 77. *lecontei* Csy. 90-103 R.I.-Va. Mo. Fab.)  
*bicolor* ‡ Lec. 56-16 (nec Fla.  
 78. *egenus* Csy. 16-46 Dak.  
 79. *abstinens* Csy. 16-46 L.I.  
 80. *semistriatus* Lec. 56-16 R.I.-Ont. Ind.  
*striatulus* Lec. 56-16 [Ariz. L.Sup.  
 81. *lubricus* Csy. 16-47 Tex.-Dak.  
 82. *frustratus* Csy. 16-47 N.Y.  
 83. *bullatus* Csy. 16-47 Ill.  
*sternalis* Csy. 16-48 L.I.  
 84. *impotens* Csy. 90-108 N.Y.-Ill.  
 85. *neglectus* Csy. 16-48 N.H.-N.Y.  
 86. *pallipes* (Say) 34-90 Ind. R.I. Fla.  
 Minn. Ariz.  
 Ut.  
 87. *fallaciosus* Csy. 16-49

**Olibrus** Er.

10788. *irregularis* Csy. 16-50 N.Mex.  
 89. *blanditus* Csy. 16-50 N.Mex.  
 90. *aridus* Csy. 16-50 Ut.  
 91. *decoloratus* Csy. 16-51 Ariz.  
 92. *bakeri* Csy. 16-51 Nev. Cal.  
 93. *utealis* Csy. 16-51 Ut.  
 94. *callidus* Csy. 16-51 N.Mex.  
 95. *collucens* Csy. 16-52 Colo. N.Mex.  
 96. *voraginalis* Csy. 16-52 Ariz.  
 97. *tritrus* Csy. 16-52 B.C.  
 98. *rufipes* Lec. 56-16 Or. B.C.  
 99. *pruddeni* Csy. 16-53 Ariz.  
 10800. *wickhami* Csy. 90-109 So. Cal. Ariz.  
 01. *calamis* Csy. 16-54 N.Mex.  
 02. *cessus* Csy. 16-54 N.Mex.

**Olibroporus** Csy. 90-111

10803. *punctatus* Csy. 90-111 Fla.

**Litolibrus** Sharp 88-258

10804. *princeps* Sz. 78-361 Fla.  
 05. *uniformis* Csy. 90-115 Tex.  
 06. *pictus* Horn 96-374 L. Cal.

**Acylomus** Sharp 88-256

10807. *vacivus* Csy. 16-76 Fla.  
 08. *morosus* Csy. 16-76 Fla.  
 09. *carbonarius* Csy. 16-77 Fla.  
 10. *ovulatus* Csy. 16-77 Fla.  
 11. *vividus* Csy. 16-77 Fla.  
 12. *piceus* Csy. 93-120 D.C. N.C.  
 13. *ergoti* Csy. 93-119 Ind.  
 14. *pugetanus* Csy. 16-79 Ind. Ia.-Mass.  
 15. *digestus* Csy. 16-79 Wash.  
 16. *integer* Csy. 16-80 N.C.  
 17. *nebulosus* Csy. 93-121 Tex.  
 18. *eximius* Csy. 16-81 So. Cal.  
 19. *abjectus* Csy. 16-81 Tex.  
 20. *confusus* Csy. 16-82 La.  
 21. *socialis* Csy. 16-82 Tex.  
 22. *texanus* Csy. 16-83 Tex.  
 23. *calcaratus* Csy. 93-117 Tex. Ark. Miss.  
 24. *humilis* Csy. 16-84 Tex.  
 25. *extricatus* Csy. 93-118 Tex.  
 26. *ellipticus* Csy. 16-84 Tex.

**Stilbus** Seid. 72-157

- (*Olistherus* || Seid. 72-157)  
 (*Eustilbus* Sharp 88-253)  
 10827. *viduus* Csy. 93-126 N.C.-Cal.

**Stilbus** Seid.

10828. pallidus Csy. 93-127 R.I. Mass.  
N.Y.  
29. apicalis (Melsh.) 46-102 N.Y.-So. Cal.  
Ind. Ct.  
consimilis Marsh. ‡ nec Melsh.  
Fla. L.Sup.  
30. shastanicus Csy. 16-58 Cal.  
31. probatus Csy. 16-59 Ia. N.Y.  
Man.  
32. nanulus Csy. 93-131 Tex.-So. Cal.  
33. limbatus Csy. 16-59 Fla.  
34. ludibundus Csy. 16-60 N.Y.?  
35. floridanus Csy. 93-129 Fla.  
36. finitimus Csy. 16-61 Ia. N.Y.  
37. obscurus Csy. 93-130 Ia. Ill. Minn.  
38. sphaericulus Csy. 16-61 R.I.  
39. fidelis Csy. 16-62 Fla.  
40. prudens Csy. 16-62 Fla.  
41. obtusus (Lec.) 56-17 So. Cal.  
42. apertus Csy. 16-63 So. Cal.  
43. notabilis Fall 01-230 So. Cal.  
44. nitidus (Melsh.) 46-102 L.I. Fla. Tex.  
Ind. L.Sup.  
45. convergens Csy. 93-134 Fla.  
46. trisetosus Csy. 16-64 Va.  
47. ludovicianus Csy. 16-65 La.  
48. aquatilis (Lec.) 56-17 So. Cal.  
49. thoracicus Csy. 16-66 N.Y.  
50. attenuatus Csy. 93-135 Tex.

**Stilbus** Seid.

10851. quadrisetosus Csy. 16-66 Mich. L.I.  
52. ochraceus Csy. 16-67 Cal.  
53. belfragei Csy. 16-67 Tex.  
54. modestus Csy. 93-133 Tex.  
55. pusillus (Lec.) 56-17 D.C. Fla.  
56. abbreviatus Csy. 16-68 Fla.  
57. galvestonicus Csy. 16-69 Tex.  
58. subalutaceus Csy. 93-133 N.J.  
59. angustus Csy. 16-70 Va.

**Leptostilbus** Csy. 16-71

10860. rutilans Csy. 16-72 Tex.  
61. concinnus Csy. 16-72 Miss.  
62. elongatulus (Csy.) 93-136 Fla.

**Litochrus** Er. 45-108

10863. pulchellus Lec. 56-17 Fla. Tex.  
64. crucigerus Csy. 93-138 Fla.  
65. immaculatus Csy. 93-139 N.J. S.C. Fla.  
66. aterrimus Csy. 93-140 Fla.

**Erythrolitus** Csy. 16-85

10867. rubens (Lec.) 56-16 N.C. Fla. Ind.

**Litochropus** Csy. 93-140

10868. scalptus Csy. 93-141 N.C. D.C.  
69. clavicornis Csy. 16-86 Tex.

**Ochrolitus** Sharp 89-256

10870. tristriatus Csy. 93-142 Fla.

**COCCINELLIDÆ**

Mulsant 51, 53, 66; Crotch 73, 74; Leconte 80; Casey 99, 08; Leng 03, 08, 11; Johnson 10

**COCCINELLINÆ****HYPERASPINI****Hyperaspis** Chev. 35-459

- (*Oxynychus* Lec. 50-238)  
(*Cleothera* Muls. 51-541)  
10871. bolteri Lec. 80-186 Ill. Ind.  
72. octonotata Csy. 99-121 Ariz.  
73. montanica Csy. 99-122 Mont.  
74. lateralis Muls. 51-657 Mex. & So. Cal.  
pinguis Csy. 99-122 Ariz.  
omissa Csy. 99-122 Ariz.  
lævipennis Csy. 99-122 Cal.  
a. flammula Nun. 11-72 Mont. Colo.  
75. wellmani Nun. 11-73 Nev.  
76. idæ Nun. 12-430 Cal.  
77. bigeminata (Rand.) 38-32 Tex. Mass.  
Fla. Ind.  
guexi Muls. 51-687 [L.Sup.  
78. hæmatosticta Fall 07-222 N. Mex.  
79. signata (Oliv.) 08-1047 Fla. Ga. Ill. Pa.  
Ind.  
binotata (Say) 25-302 Ind. Fla. Conn.  
norinata (Say) 25-302 [L.Sup.  
affinis Rand., 38-50 Mass. L.Sup.  
leucopsis Melsh. 46-179  
80. proba (Say) 25-503 Fla. Pa. Ill.  
Ind. Conn.  
81. rotunda Csy. 99-123 Tex.  
82. gemma Csy. 99-123 Tex.  
83. fastidiosa Csy. 08-414 Cal.  
84. conspirens Csy. 08-414 Ariz.  
85. sexverrucata (Fab.) 01-383 Mex. & Ariz.  
medialis Csy. 99-123 Tex.

**Hyperaspis** Chev.

10886. æmulator Csy. 08-413 Ariz.  
87. triangulum Csy. 99-123 Ariz.  
88. regalis Csy. 99-124 Fla.  
89. imperialis Csy. 08-415 Mex. & U.S.?  
90. inedita Muls. 51-684 N.C.  
91. bicentralis Csy. 99-124 Tex.  
92. globula Csy. 99-124 Tex.  
93. centralis Muls. 51-685 Mex.  
wickhami Csy. 99-124 Tex.  
94. oculifera Csy. 08-415 Ariz.  
95. osculans Lec. 80-187 Cal. Ariz.  
96. pleuralis Csy. 99-125 Tex.  
97. significans Csy. 08-416 Ut.  
98. concurrens Csy. 08-416 Ut.  
99. aterrima Csy. 08-416 Ut.  
10900. tæniata Lec. 52-134 So. Cal. Ariz.  
01. excelsa Fall 01-233 So. Cal.  
02. lengi Schfr. 05-144 Tex.  
03. nevadica Csy. 99-125 Nev.  
04. psyche Csy. 99-125 Cal.  
05. dissoluta Cr. 73-379 L.Sup. So. Cal.  
06. colorodana Csy. 08-417 Colo. [Ind.  
07. trifurcata Schfr. 05-143 Tex.  
08. fimbriolata Melsh. 46-180 Kan. L.Sup.  
Fla. Ind. Pa.  
rufomarginata Muls. 51-661  
Tex. Colo.  
So. Cal. Fla.  
Ariz. Conn.  
Cal.

09. limbalis Csy. 99-126



**Hyperaspis** Chev.

10910. protensa Csy. 08-417 Ariz.  
 11. cincta Lec. 58-89 Cal.  
 12. nupta Csy. 99-126 Cal.  
 13. inflexa Csy. 99-126 Dak.  
 14. serena Csy. 08-417 Pa.  
 15. elliptica Csy. 99-126 Cal.  
     angustula Csy. 99-127 Cal.  
 16. postica Lec. 80-188 Cal.  
 17. nunenmacheri Csy. 08-417 Cal.  
 18. oculaticauda Csy. 99-127 Cal.  
 19. effeta Csy. 99-127 Cal.  
 20. subdepressa Csy. 99-127 Cal.  
 21. disconotata Muls. 51-653 L.Sup.  
 22. troglodytes (Muls.) 53-219  
     discreta Lec. 80-187 Mass.  
 23. lugubris (Rand.) 38-52 Ill. Mass.  
     (Ariz.?)  
     venustula Muls. 51-671  
     jucunda || Lec. 52-134  
     lecontei Cr. 74-233 Ill.  
 24. quadrioculata (Mots.) 45-383 Cal.  
     elegans Gorh. 94-199 nec Muls.  
 25. notatula Csy. 99-121 Nev.  
 26. horni Cr. 73-381 Cal.  
 27. spiculinota Fall 01-232 So. Cal.  
 28. fidelis Csy. 08-418 Cal.  
 29. bensonica Csy. 08-418 Ariz.  
 30. undulata (Say) 24-92 Ind. Pa. Can.  
     Vt. Mass.  
     Ariz. (So. Cal.?)  
     Ill. Pa. L. Sup.  
     Conn.  
     elegans Muls. 51-658  
     maculifera Melsh. 47-179  
     a. guttifera Weise 95-128  
 31. octavia Csy. 08-419 Miss.  
 32. paludicola Sz. 78-362 Fla.  
 33. filiola Csy. 08-419 Ariz.  
 34. annexa Lec. 52-133 So. Cal. Kan.  
 35. revocans Csy. 08-419 Ut. [Ill.  
 36. quadrivittata Lec. 52-133 Ariz. Colo.  
 37. tetraneura Csy. 08-420 Colo. [Ind.  
 38. mœrens (Lec.) 50-238 L. Sup.  
     consimilis Lec. 52-134 L. Sup.  
 39. simulans Csy. 99-128 Ariz.  
 40. falli Nun. 12-450 Nev.  
 41. weisei Schfr. 08-126 Tex.  
     kunzei † Schfr. 05-145 nec Muls.  
 42. levrati (Muls.) 51-613 Mex. & Ariz.  
 43. metator Csy. 08-413 Tex.  
 44. nigrosuturalis Blatch. 18-420 Fla.  
 45. cruenta Lec. 80-187 Tex.  
 46. lewisi Cr. 73-380 U.S.  
 47. tædata Lec. 80-187 Fla.  
 48. gemina Lec. 80-188 Ga. Tex.  
 49. pratensis Lec. 52-134 Ind. Mo. Kan.  
 50. punctata Lec. 80-188 Tex. [N.J.  
 51. tristis Lec. 80-188 Colo. So. Cal.  
 — ?floridana Muls. 51-1040 Fla.  
 — subsignata Cr. 74-226 Mex. Tex.  
 — festiva Muls. 51-659 Brazil  
     (N. Am.?)

**Helesius** Csy. 99-129

10952. nubilans Csy. 99-129 Tex.  
 53. nigripennis (Lec.) 79-453 Colo.

**Hyperaspidius** Cr. 73-382

10954. vittigera (Lec.) 52-133 Mex. Kan.  
     Dak.  
     trimaculatus Cr. 73-382 nec L.  
     So. Cal. Ariz.  
 55. oblongus Csy. 08-421 Tex.  
     trimaculatus Csy. 99-130 nec. L.  
 56. pallescens Csy. 08-420 Ariz.  
 57. comparatus Csy. 99-130 Cal.  
 58. ingenuus Csy. 99-131 N. Mex.  
 59. insignis Csy. 99-131 Colo.  
 60. arcuatus (Lec.) 52-133 So. Cal.  
 61. militaris (Lec.) 52-133 S. C. Fla.  
 62. transfugatus Csy. 99-131 Mass.  
 63. conspiratus Csy. 99-131 Cal.  
 64. wolcottii (Nun.) 11-73 Ind.  
 65. ploribunda (Nun.) 11-74 Nev.

**Brachyacantha** Chev. 42-704

10966. bistrispustulata (Fab.) 01-383  
     Tex.  
     a. decora Csy. 99-119 Tex.  
     b. minor Leng 11-298 Tex.  
 67. dentipes (Fab.) 01-381 E. N. Am. Fla.  
     a. socialis Csy. 99-119 Kan.  
     b. separata Leng 11-301 Va.  
 68. subfasciata Muls. 51-527 Ariz. Tex.  
 69. quadrillum Lec. 58-89 Tex.  
 70. blaisdelli Nun. 09-132 Nev. Cal.  
 71. tau Lec. 59-28 Neb. Mont.  
 72. ursina (Fab.) 87-61 E. N. Am. Ind.  
     stellata Csy. 99-117 Ill. Mo. Ky.  
     Ind.  
     a. congruens Csy. 99-117 N. C. Ga.  
     b. uteella Csy. 08-413 Ut.  
     c. sonorana Csy. 08-412 Ariz. N. Mex.  
 73. testudo Csy. 99-118 Tex.  
 74. felina (Fab.) 75-87 E. N. Am.  
     a. decempustulata Melsh. 47-179 Pa. Ind. Fla.  
 75. bolli Cr. 73-379 Tex. La.  
 76. arizonica Schfr. 08-125 Ariz.  
 77. indubitabilis Cr. 73-379 E. N. Am.  
 78. fenyessi Leng 11-316 Colo.  
 79. quadripunctata Melsh. 47-178 E. N. Am. Ind.  
     Fla. [Fla.  
     basalis Melsh. 47-179  
     diversa Muls. 51-538  
     a. confusa Muls. 51-537 E. N. Am.  
     b. flavifrons Muls. 51-531 E. N. Am. Fla.  
 80. floridensis Blatch. 16-93 Fla.  
 81. albifrons (Say) 24-94 Neb. Colo.  
 82. illustris Csy. 99-118 Colo. [Mont.  
 83. pacifica Csy. 99-119 Cal.  
 84. lengi Nun. 12-449 Cal.  
 85. querceti Sz. 78-362 Fla.  
 86. lepida Muls. 51-523 Tex.  
 — erythrocephala (Fab.) 87-61 Not N. Am.

**Thalassa** Muls. 51-511

10987. montezumæ Muls. 51-512 La. Ariz. Mex.

## MICROWEISEINI

**Microweisea** Ckll. 03-38

(*Smilia* || Weise 91-285)  
 (*Pentilia* ‡ Lec. 78-400)  
 (*Pseudoweisea* Sz. 04-118)  
 (*Epismilia* || Ckll. 00-606)

10988. *marginata* (Lec.) 78-400 Mich. N.Y.  
 89. *misella* (Lec.) 78-400 Ct. Fla. Can.-  
 Tex. Ind.  
 90. *atronitens* (Csy.) 99-135 Cal.

**Microweisea** Ckll.

- reversa* Fall 01-231 So. Cal.  
 10991. *minuta* (Csy.) 99-135 Tex.  
 92. *planiceps* (Csy.) 99-135 Cal.  
 93. *coccidivora* (Ashm.) 80-10 Fla.  
 94. *ovalis* Lec. 78-400 Fla. (So. Cal.?)  
*felschei* Weise 91-288 Fla.  
 95. *suturalis* Sz. 04-118 So. Cal.

## CRANOPHORINI

**Nipus** Csy. 99-132

10996. *biplagiatus* Csy. 99-133 So. Cal.

**Nipus** Csy.

10997. *niger* Csy. 99-133 Cal.

## SCYMNINI

**Stethorus** Weise 85-22

10998. *punctum* (Lec.) 52-114 E. N. Am. Ind.  
 99. *picipes* Csy. 99-136 Cal. [L. Sup.  
 11000. *brevis* Csy. 99-136 Cal.  
 01. *utilis* (Horn) 95-107 Fla.  
 02. *atomus* Csy. 99-136 Tex.

**Didion** Csy. 99-137

11003. *longulum* Csy. 99-137 Cal.  
 04. *parviceps* Csy. 99-137 Cal.

**Selvadius** Csy. 99-137

11005. *rectus* Csy. 99-138 Ariz.

**Scymnus** Kug. 94-547

(*Pullus* Muls. 51-976)  
 (*Diomus* Muls. 51-951)  
 (*Scymnobius* Csy. 99-139)

11006. *flavescens* Csy. 99-139 Colo.  
 07. *pallens* Lec. 52-137 Ariz. Cal. ,  
 So. Cal.  
 08. *mimus* Fall 01-234 So. Cal.  
 09. *nugator* Csy. 99-140 Colo.  
 10. *semiruber* Horn 95-102 Fla. Tex.  
 11. *creperus* Muls. 51-985 N. C. Tex.  
*astutus* Muls. 51-986 [Ariz.  
 a. *fraternus* Lec. 52-138 M. St. Ind. Fla.  
 Conn. L. Sup.  
*texanus* Csy. 99-141 Tex.  
 12. *brullei* Muls. 51-984 Fla.  
 13. *hæmorrhous* Lec. 52-138 Ariz. ? Fla.  
 Ind. N. Y.  
*dentipes* Fall 01-234 ♂ Mass.  
 a. *divisus* Csy. 99-140 Kan.  
 b. *laurenticus* Csy. 99-140 Can.  
 c. *subæneus* Csy. 99-141 Tex.  
 14. *postpictus* Csy. 99-141 Wy.  
 15. *rubricauda* Csy. 99-141 Kan. Ind.  
 16. *chromopyga* Csy. 99-141 Pa.  
 17. *canterius* Csy. 99-142 R. I.  
 18. *cervicalis* Muls. 51-984 Fla. So. St.  
 Can.-Mo.  
 19. *kansanus* Csy. 99-142 Kan. [So. Cal.  
 20. *marginicollis* Mann. 43-313 Cal. So. Cal.  
*californicus* Boh. 59-207 [Ariz.  
 21. *consobrinus* Lec. 52-139 L. Sup.  
 22. *iowensis* Csy. 99-143 Ia.  
 23. *natchezianus* Csy. 99-143 Miss.  
 24. *caudalis* Lec. 50-238 Ala.-Colo. Ind.  
 25. *medionotans* Csy. 99-143 Tex.  
 26. *kinzeli* Csy. 99-143 Fla.  
 27. *socer* Lec. 52-139 Ga.

**Scymnus** Kug.

11028. *collaris* Melsh. 47-180 Ind. Fla. Conn.  
*subtropicus* Csy. 99-143 Tex.  
 29. *horni* Gorh. 97-229 Ariz.  
 30. *cockerelli* Csy. 99-144 N. Mex.  
 31. *uteanus* Csy. 99-144 Ut.  
 32. *rhesus* Csy. 99-144 Ind.  
 33. *fastigiatus* Muls. 51-986 Ind.  
*chatchas* Muls. 51-986  
 34. *indutus* Csy. 99-145 Pa.  
*puncticollis* Horn 95-102 nec Lec.  
 35. *puncticollis* Lec. 52-139 Ind. Conn.  
 36. *agricola* Csy. 99-145 R. I.  
 37. *innocens* Csy. 99-145 N. C.  
 38. *solidus* Csy. 99-145 Cal.  
 39. *desertorum* Csy. 99-145 Nev.  
 40. *apacheanus* Csy. 99-146 Ariz.  
 41. *monticola* Csy. 99-146 Colo.  
 42. *aridus* Csy. 99-146 Ut.  
*subsimilis* Csy. 99-150 Ut.  
 43. *luctuosus* Csy. 99-146 Cal.  
 44. *humboldti* Csy. 99-146 Cal.  
 45. *sonomæ* Csy. 99-147 Cal.  
 46. *gilæ* Csy. 99-147 Ariz.  
 47. *decipiens* Csy. 99-147 Ut.  
 48. *garlandicus* Csy. 99-147 Colo.  
 49. *blaisdelli* Csy. 99-147 Cal.  
 50. *advena* Csy. 99-147 Cal.  
 51. *extricatus* Csy. 99-148 Cal.  
 52. *ardelio* Horn 95-105 Ariz. Fla. Tex.-  
 B. C. So. Cal.  
 53. *jacobianus* Csy. 99-148 Cal.  
 54. *jacinto* Csy. 99-148 Cal.  
 55. *tenebrosus* Muls. 51-989 Atl. St. Ind.  
 56. *compar* Csy. 99-148 Ind. [Conn.  
 57. *infans* Csy. 99-149 Ariz.  
 58. *weidti* Csy. 99-149 Ut.  
 59. *abbreviatus* Lec. 52-140 L. Sup.  
 60. *lacustris* Lec. 52-140 L. Sup. Ariz. ?  
*renoicus* Csy. 99-149 Nev.  
 a. *nigrivestis* Muls. 51-990 La.  
 61. *tahoensis* Csy. 99-150 Cal.  
 62. *mormon* Csy. 99-150 Ut.  
 63. *saginus* Csy. 99-150 Cal.  
 64. *strenuus* Csy. 99-150 Cal.  
 65. *mendocino* Csy. 99-151 Cal.  
 66. *stygius* Csy. 99-151 Cal.  
 67. *tenuivestris* Csy. 99-151 Cal.  
*calaveras* Csy. 99-150 Cal.  
 68. *papago* Csy. 99-151 Ariz.  
 69. *flebilis* Horn 95-100 Ariz. So. Cal.  
 70. *nubes* Csy. 99-151 Ariz.

**Scymnus** Kug.

11071. *cinctus* Lee. 52-137 La.-So. Cal.  
 72. *lecontei* Cr. 74-264 Cal. [Ariz.  
     *suturalis* || Lee. 52-138  
 73. *sarpedon* Csy. 99-152 Cal.  
 74. *pacificus* Cr. 73-77 Cal. So. Cal.  
 75. *strabus* Horn 95-100 N. Mex.  
 76. *eoniferarum* Cr. 73-77 Colo.-So. Cal.  
 77. *punctatus* Melsh. 47-180 Can.-Tex.  
 78. *oceidius* Csy. 99-153 Nev. [Man.  
 79. *nanus* Lec. 52-140 Mich. Fla.  
     So. Cal. Ariz.  
 80. *eireumspectus* Horn 95-96 Tenn. La.  
 81. *opaeculus* Horn 95-96 Colo.  
 82. *americanus* Muls. 51-965 N. E. Am. Ind.  
     L. Sup. Conn.  
 83. *eaurinus* Horn 95-97 Cal.-Wash.  
 84. *innocuus* Csy. 99-154 Nev.  
 85. *rusticus* Csy. 99-154 Ind.  
 86. *aluticollis* Csy. 99-154 Cal.  
 87. *difficilis* Csy. 99-154 Cal.  
 88. *phelpsi* Cr. 73-77 No. Cal.-B. C.  
 89. *nebulosus* Lec. 52-137 So. Cal.  
 90. *megacephalus* Fall 01-233 So. Cal.  
 91. *bivulnerus* Horn 95-92 Fla.  
 92. *bisignatus* Horn 95-92 Cal.  
 93. *flavifrons* Melsh. 47-181 Can.-Ga.-Ind.  
     Fla.  
     a. *bioculatus* Muls. 51-960 N. J.-Ga. Fla.  
     *guttiger* Muls. 51-965  
     *marginellus* Muls. 51-965  
 94. *ornatus* Lec. 52-135 L. Sup. Mass.  
 95. *sanguifer* Csy. 99-155 Mass.  
 96. *naviculatus* Csy. 99-155 Colo.  
 97. *amabilis* Lec. 52-135 La.  
 98. *guttulatus* Lec. 52-136 So. Cal.  
 99. *bijugus* Fall 09-162 L. Cal.  
 11100. *scitus* Csy. 99-156 Cal.  
     01. *suavis* Csy. 99-156 Cal.  
     02. *coloradensis* Horn 95-94 Colo.

**Scymnus** Kug.

11103. *sordidus* Horn 95-93 So. Cal.  
 04. *intrusus* Horn 95-92 Fla. Md. Tex.  
 05. *inops* Csy. 99-156 Fla. [Ind.  
 06. *oculatus* Blateh. 17-140 Fla.  
 07. *balteatus* Lec. 78-399 Fla.  
 08. *bigemmeus* Horn 95-88 Fla.  
 09. *tædatus* Fall 01-233 So. Cal.  
 10. *dichrous* Muls. 51-951 N. Am.?  
 11. *quadritæniatus* Lec. 78-400 Fla.-La.  
 12. *myrmidon* Muls. 51-954 Pa. Md. Fla.  
 13. *adulans* Csy. 99-157 N. C.  
 14. *liebecki* Horn 95-89 N. J. Ind.  
 15. *terminatus* Say 35-203 Fla. N. E. Am.  
     *femoralis* Lec. 52-136 Pa. [Ind.  
     a. *brunneseens* Csy. 99-158 Tex.  
 16. *partitus* Csy. 99-158 Tex. Ind.  
 17. *houstoni* Csy. 99-158 Tex.  
 18. *xanthaspis* Muls. 51-952 Ga. Fla. Tex.  
 19. *appalaëus* Csy. 99-158 N. C.  
 20. *stigma* Csy. 99-158 Fla.  
 21. *dulcis* Csy. 99-159 Kan.  
 22. *æger* Csy. 99-159 Mich. Ill. Fla.  
 23. *debilis* Lec. 52-137 Cal.  
 24. *pusio* Csy. 99-159 Fla.  
 25. *redtenbacheri* Muls. 46-240 Greenland  
     — *icteratus* Muls. 51-969 N. Am.?  
     — *eyanescens* Muls. 51-993 N. Am.?  
     — *atramentarius* Boh. 58-207 Cal.??  
     — *infuscatus* Boh. 58-209 Cal.??  
     — *arcuatus* Rossi 92-88 Eur. & N. Am.?

**Cephaloscymnus** Cr. 73-382

11126. *zimmermanni* Cr. 73-382 Md. D. C. S. C.  
     Ind.  
 27. *occidentalis* Horn 95-111 So. Cal. Ariz.

**Cryptolæmus** Muls. 50-140

11128. *montrouzieri* Muls. 53-140 †Cal.

## NOVIINI

- Rodolia** Muls. 51-902  
     (*Vedalia* † auct.)  
 11129. *cardinalis* (Muls.) 51-906 †Cal. Fla.  
**Novius** Muls. 51-942  
 11130. *kœbelci* (Olliff) Coq. 93-24 †Cal.

**Anovia** Csy. 08-408

11131. *virginalis* (Wickh.) 05-166 Ut. Tex.

**Exoplectra** Chev. 42-545

11132. *subænescens* Gorh. 95-214 Mex. & Ariz.

## RHIZOBIINI

- Lindorus** Csy. 99-162  
 11133. *lophantæ* (Blaisd.) 92-51 †Cal. So. Cal.  
     *toowoombæ* (Blackb.) 92-254

**Rhizobius** Steph. 32-396

- (*Rhyzobius* † auct.)  
 11134. *ventralis* (Er.) 42-239 †Cal.  
 35. *debilis* Blackb. 88-201 †Cal.

## SCYMNILLINI

- Zagloba** Csy. 99-113  
 11136. *ornata* (Horn) 95-111 Cal.  
 37. *laticollis* Csy. 99-114 Cal.  
 38. *orbipennis* Csy. 99-114 Cal.  
 39. *bicolor* Csy. 99-114 Fla.

**Zagloba** Csy.

11140. *hystrix* Csy. 99-114 Tex.

**Scymnillus** Horn 95-110

11141. *aterrimus* Horn 95-110 No. Cal. Or.  
 42. *cochisiensis* Nun. 12-451 Ariz. [So. Cal.

## OENEINI

- Delphastus** Csy. 99-111  
     (*Cryptognatha* Cr. nec Muls.)  
     (*Oeneis* Lec. nec Muls.)  
 11143. *pusillus* (Lec.) 52-135 N. Y. Fla. Tex.  
     Ind. So. Cal.  
     Conn.

**Delphastus** Csy.

- puncticollis* (Lee.) 52-135 So. St.  
 11144. *sonoricus* Csy. 99-112 So. Cal. Ariz.  
 45. *eatalinæ* (Horn) 95-83 So. Cal.  
 46. *pallidus* (Lec.) 78-400 Fla.

† Introduced.



## COCCIDULINI

**Coccidula** Kug. 98-421  
11147. *lepida* Lec. 52-132

Can.-Pa. Ind.  
Conn.

**Coccidula** Kug.  
11148. *occidentalis* Horn 95-114 Wy.-Vanc.  
49. *suturalis* Weise 95-132 Ohio

## PSYLLOBORINI

**Psyllobora** Chev. 42-606

11150. *viginti-maculata* (Say) 24-96  
R.I.-Wis. Ind.  
*obsoleta* Csy. 99-101 Ia.  
a. *parvinotata* Csy. 99-101 Fla.  
b. *pallidicola* Blatch. 14-66 Fla.  
c. *renifer* Csy. 99-102 Tex.  
d. *tædata* Lec. 57-70 Pac. Coast,  
So. Cal. Ariz.

**Psyllobora** Chev.

*borealis* Csy. 99-102 Idaho  
*separata* Csy. 99-102 Cal.  
*deficiens* Csy. 99-102 Cal.  
11151. *nana* Muls. 51-181 Fla.  
52. *koebelci* Nun. 11-71 Ariz.  
53. *plagiata* Schffr. 08-125 Ariz.

## COCCINELLINI

**Anisosticta** Chev. 35-456

11154. *bitriangularis* Say 24-269 No. U.S. & Can.  
*multiguttata* Rand. 38-51 Mass.  
*?noveimdecim-punctata* L. 58-366 Eur.  
*strigata* ‡ auct. nec Thunb. Eur. L. Sup.  
*dohrniana* Joh. nec Muls. Eur. [Conn.  
a. *irregularis* Weise 85-14 Or.

**Næmia** Muls. 51-30

11155. *seriata* (Melsh.) 47-177 Conn.-Fla.  
a. *litigiosa* Muls. 51-31 So. Cal.-So. Am.

**Macronæmia** Csy. 99-76

(*Micronæmia* Weise 05-218)  
11156. *episcopalis* (Kby.) 37-228 No. St. & Can.  
Cal. Kan. Wy. Colo.

**Ceratomegilla** Cr. 73-365

(*Megilla* || Muls. 51-24)  
11157. *ulkei* Cr. 73-365 H.B.T.  
58. *fuscilabris* (Muls.) 66-22 U.S. & Can.  
Ind. So. Cal. [Ariz.  
*maculata* auct. nec DeG. Tex.  
*strenua* (Csy.) 99-76 Fla. La.  
a. *floridana* (Leng) 03-38 Fla.  
b. *decepta* (Blatch.) 14-65 Fla.

(*Paranæmia* Csy. 99-76)

59. *vittigera* (Mann.) 43-312 So. Cal. Kan. Mex.  
a. *similis* (Csy.) 99-76 Colo. Ariz.

**Adonia** Muls. 51-37

11160. *variegata* (Goeze) 77-246 Eur. & N.S.?  
*constellata* (Laich.) 81-121  
*mutabilis* (Scriba) 90-183

**Eriopis** Muls. 51-6

11161. *connexa* (Germ.) 24-621 S. Am. & U.S.?  
Cal. ? Vanc. ? Tex.

**Hippodamia** Dej. 36-456

## I

11162. *tredecim-punctata* (L.) 65-336  
H.B.T.-Cal.  
Ind. Alas. Sib.  
Atl. St. Ut.  
N. Dak. Minn.  
*tibialis* (Say) 24-94  
*signata* (Fald.) 32-398

**Hippodamia** Dej.

## II

11163. *parenthesis* (Say) 24-93 No. St. Cal.  
Ind. Ariz.  
Mass. Md.  
Dak. Ut. Colo.  
*lituricollis* Fitch 61-853 N.Y.  
*confluenta* Fitch 61-853 N.Y.  
*insulata* Fitch 61-853 N.Y.  
*nimia* Fitch 61-853 N.Y.  
*tridentifrons* Fitch 61-853 N.Y.  
*permacrifrons* Fitch 61-853 N.Y.  
*triangularis* Fitch 61-853 N.Y.  
*albomaculata* Fitch 61-853 N.Y.  
*linearis* Fitch 61-853 N.Y.  
*approximata* Fitch 61-853 N.Y.  
*discopunctata* Fitch 61-853 N.Y.  
*connata* Fitch 61-853 N.Y.  
a. *tridens* Kby. 37-229 N.W. St. Can.  
64. *lunato-maculata* Mots. 45-382 Or. Cal. Ut. Wy.  
Nev. Cal.  
a. *apicalis* Csy. 99-81 Colo.  
b. *expurgata* Csy. 08-400 So. Cal.  
c. *lengi* Joh. 10-865

## III

65. *sinuata* Muls. 51-1011 Cal.  
*trivittata* Csy. 99-81 Cal.  
*crotchii* Csy. 99-80 Cal.  
*interrogans* Muls. 56-139  
a. *spuria* Lec. 67-358 Or. Wash.  
b. *complex* Csy. 99-80 Vanc. [So. Cal.  
66. *cockerelli* Joh. 10-849 Colo.-Wy.  
*lineata* Joh. 10-46 Wash.  
67. *falcigera* Cr. 73-368 H.B.T.  
68. *americana* Cr. 73-368 ? Kan. H.B.T.  
69. *dispar* Csy. 99-79 Colo.  
70. *oregonensis* Cr. 73-367 Or.  
71. *glacialis* (Fab.) 75-80 Pa.-Mo.-Ind.  
Mass. N.C.  
Dak.

*abbreviata* (Fab.) 87-54  
*remota* (Web.) 01-49

72. *quindecim-maculata* Muls. 51-20 Mo. Kan. Ark.  
73. *convergens* Guér. 46-321 U.S. & Can.  
Ind. So. Cal.  
Fla. Ariz.

*modesta* Melsh. 47-178  
*obsoleta* Cr. nomen nudum  
a. *punctulata* Lec. 52-131 Cal.  
b. *ambigua* Lec. 52-131 So. Cal. Or.

**Hippodamia** Dej.

- obliqua Csy. 99-79 Cal.  
 politissima Csy. 99-80 Cal.  
 11174. lecontei Muls. 51-1010 Colo. N.Mex.  
     Cal. Ariz.  
     a. caseyi Joh. 10-21 Wash.  
     mulsanti Lec. 52-131 L.Sup.  
     b. vernix Csy. 99-79 Wy.Mont.Id.  
     c. subsimilis Csy. 99-79 Cal.  
     d. utcana Csy. 08-397 Ut. (Cal.?)  
     e. abducens Csy. 08-396 Colo.  
     pseudoglacialis Joh. 10-23  
     defecta Joh. 10-21  
     f. juncta Csy. 99-80 Cal.  
 75. quinquesignata Kby. 37-230 H.B.T.-Kan.  
     Ariz. Nfld.  
     a. puncticollis Csy. 99-78 Can. Rocky  
     Mts. So. Cal.  
     b. lilliputana Csy. 08-397 Colo.  
     c. coccinea Csy. 08-395 Colo.  
     d. leporina Muls. 56-135 Cal.  
 76. extensa Muls. 51-17 Cal.  
 77. moesta Lec. 54-16 Or. Vanc. B.C.  
     a. bowditchi Joh. 10-45 No. Rocky  
     Mts.

**Neoharmonia** Csy. 99-90

11178. venusta (Melsh.) 46-175 M. & S. St. Ind.  
     Ark. Kan. La.  
     a. dissimila Blatch. 14-66 Fla. Md.  
 79. notulata (Muls.) 51-83 La. Fla.  
 80. ampla (Muls.) 51-81 Mex. & So.  
     U.S. Tex.

**Coccinella** L. 58-364

11181. perplexa Muls. 51-1021 No. St. Can.  
     Ind.-Conn.  
     N.Y.  
     ?trifasciata L. 58-365 Eur. & Sib.  
     a. eugenii Muls. 66-95 Cal.  
     b. juliana Muls. 56-135 Or. Cal.  
     barda Lec. 60-286  
     c. subversa Lec. 54-19 Or.  
 82. humboldtiensis Nun. 12-448 No. Cal.  
     H.B.T.-Mich.  
 83. tricuspis Kby. 37-231 Sib.  
 84. novemnotata Hbst. 93-269 Atl. St.-Or.  
     Ind. So. Cal.  
     conjuncta Fitch 61-849 N.Y.  
     confluente Fitch 61-849 N.Y.  
     inæqualis Fitch 61-849 N.Y.  
     parvamaculata Fitch 61-849 N.Y.  
     divisicollis Fitch 61-849 N.Y.  
     a. degener Csy. 99-88 N. Mex. Ariz.  
     oregona Csy. 08-403 Or. [Colo.  
     b. franciscana Muls. 53-19 Mex. U.S.?  
     c. johnsoni Csy. 08-403 So. Cal. [So. Cal.  
 85. transversoguttata Fald. 35-454 Sib. U.S.? Lab.  
     Nev. Conn.  
     Greenland  
     a. quinquenotata Kby. 37-230 Colo.-Mont.  
     transversalis || Muls. 51-117 [L. Sup.  
     So. Cal.  
     interrupta Fitch 61-851 N.Y.  
     b. nugatoria Muls. 51-1021 Ut. Colo.  
     c. californica Mann. 43-312 So. Cal. Or.  
     Wash.

**Coccinella** L.

- d: vandykei Nun. 09-161 Nev.  
 e. nevadica Csy. 99-88 Nev.  
 f. melanocollis Joh. 10-62 Cal.  
 11186. bridwelli Nun. 13-76 Cal.  
 87. monticola Muls. 51-115 No. St. Vanc.  
     L. Sup. Conn.  
     Lab.  
     lacustris Lec. 52-131  
     sellica Joh. 10-63 Cal. N.H.  
     postica Joh. 10-63 Cal.  
     confluente Joh. 10-63 Cal.  
     alutacea Csy. 99-89 N. Mex.  
     impressa Csy. 99-89 Cal.  
     biguttata Joh. 10-63 Colo.  
     a. difficilis Cr. 73-370 Ut. Colo.  
     b. suturalis Csy. 99-89 Colo.  
     c. prolongata Cr. 73-371 Ut. Kan. Cal.

(Spilota Billb. 20-61)

## 88. undecimpunctata L. 58-366

- menetriesi Muls. 51-104 Eur. & N. Am.  
 Sib. & No. Cal.  
 Alas.

**Cycloneda** Cr. 74-162

(Daulis || Muls. 51-296)

11189. sanguinea (L.) 63-11 No. & So. Am.  
     Ind. Ariz.  
     a. immaculata (Fab.) 92-267 Fla. Ga. La.  
 90. munda (Say) 35-202 Me.-Man.-Pa.  
     a. polita Csy. 99-93 Cal. B.C. Id.  
     rubripennis Csy. 99-92 Tex. So. Cal.  
     Colo.  
 91. atra Csy. 99-93 N. Am.?

**Olla** Csy. 99-93

11192. abdominalis (Say) 24-95 Tex.-So. Cal.  
     Ind.  
     semilunaris Joh. 10-66 Ariz.-Tex.  
     minuta Csy. 08-406 Tex.  
     a. plagiata Csy. 99-94 So. Cal. So. &  
     W. St. Tex.  
     fenestralis Csy. 99-95 N. Mex. [Ariz.  
     oculata ‡ auct. nec Fab.  
     b. sobrina Csy. 99-94 Fla.

**Adalia** Muls. 51-49

11193. bipunctata (L.) 58-364 Eur. & N. Am.  
     Conn. Ind.  
     bioculata (Say) 24-94  
     quadrimaculata Scop. 63-80  
 94. frigida (Schn.) 92-172 Eur. Sib. &  
     N. Am. Ind.  
     Conn.  
     hyperborea (Payk.) 99-38  
     ornatella Csy. 99-86 Colo.  
     immaculata Joh. 10-68  
     melanopleura Lec. 60-286 Vanc. Cal.  
     parvula Weise 85-22 Eur. N. Am.?  
     siberica Weise 85-22 Mass. Eur.  
     faceta Weise 85-22 Mass. Eur.  
     postica Joh. 10-68 Mass.  
     a. disjuncta (Rand.) 38-33 Me. Mass.  
     Wis.  
     b. humeralis (Say) 24-95 Can.-Cal.  
     Ariz.  
 95. annectans Cr. 73-371 Colo. N. Mex.  
     ovipennis Csy. 99-86 Cal. [Cal.  
     transversalis Csy. 99-86 N. Mex.

**Adalia** Muls.

- sexpustulata Joh. 10-71 Or.  
 ocellata Joh. 10-71 Or.  
 ophthalmica Muls. 51-56 Mo.Can.Mass.  
 coloradensis Csy. 08-401 Colo.  
 a. duplicata n.m.  
 humeralis ‡ Joh. 10-71 nec Say.  
 ?ludovicie Muls. 51-36 N.Am.?

**Cleis** Muls. 51-208

(Pseudocleis Csy. 08-406)

11196. picta (Rand.) 38-51 U.S. & Can.  
 Nfld. Mass.  
 Ariz. So. Cal.  
 blanchardi Joh. 10-72  
 contexta Muls. 51-87  
 concinnata (Melsh.) 47-177  
 a. minor Csy. 99-95 Cal. Vanc.  
 97. hudsonica Csy. 94-96 H.B.T. N.H.

**Agrabia** Csy. 99-87

(Harmonia ‡ auct. nec Muls.)

11198. cyanoptera (Muls.) 51-82 Mex. & N.Mex.  
 99. sicardi Nun. 12-448 Cal. [Ariz.  
 a. complexa Nun. 12-448 Cal.

**Anisocalvia** Cr. 71-329

11200. duodecim-maculata (Geb.) 32-76  
 Sib. & N.Am.  
 incarnata (Kby.) 37-231 [Conn. L.Sup.  
 a. elliptica Csy. 99-97 H.B.T.

**Anisocalvia** Cr.

11201. quatuordecimguttata (L.) 58-367  
 Eur. & N.Am.  
 Mass. L.Sup.  
 a. similis (Rand.) 38-50 Me.  
 b. cardisce (Rand.) 38-32 B.C.  
 c. victoriana Csy. 99-96 Me.  
 d. obliqua (Rand.) 38-33 Ariz.  
 ?hesperica Cr. 73-374

**Anatis** Muls. 51-133

11202. quindecimpunctata (Oliv.) 08-1027  
 Atl. St. Ind.  
 [L.Sup.  
 labiculata Say 35-288 Sib.  
 ?ocellata (L.) 58-366 Wis. Id. Atl.  
 a. mali (Say) 24-93 St. Ind.  
 03. rathvoni Lec. 52-132 Cal. Or.  
 04. lecontei Csy. 99-98 Ariz. N.Mex.  
 Colo.

**Neomysia** Csy. 99-98

(Mysia ‡ auct. nec Muls. 46-129)

11205. pullata (Say) 25-301 L.Sup. Atl.  
 St. Ind.  
 06. subvittata (Muls.) 51-138  
 notans (Rand.) 38-49 Mass. Lab.  
 07. horni (Cr.) 73-375 Or. So. Cal.  
 08. interrupta Csy. 99-99 N.Mex. Colo.  
 Ariz.  
 09. randalli Csy. 99-99 L.Sup.-Lab.  
 10. montana Csy. 99-100 Colo.

## CHILOCORINI

**Axion** Muls. 50-477

11211. pilatei Muls. 51-478 Tex. (So. Cal.?)  
 12. tripustulatum (DeG.) 75-395  
 R.I.-Tex. Fla.  
 verrucatus (Melsh.) 47-180  
 13. incompletus Nun. 11-71 Ill.  
 14. plagiatum (Oliv.) 08-1044 So. Cal.-Tex.  
 alutaceum Csy. 99-106 N.Mex. [Ind.  
 a. texanum Lec. 58-88 Tex. Ariz.  
 N.Mex.  
 b. pleurale Lec. 59-90 So. Cal.

**Chilocorus** Leach 17-116

11215. tumidus Leng 08-37 Va.  
 16. cacti L. 67-584 Fla. Tex.  
 a. confusor Csy. 99-105 Ariz. So. Cal.  
 17. bivulnerus Muls. 51-460 U.S. & Can.  
 fraternus Lec. 57-70 [Ind. Fla.  
 a. orbus Csy. 99-105 So. Cal.  
 18. similis Rossi 90-68 †Ga. China

**Arawana** Leng 08-38

11219. arizonica (Csy.) 99-107 Ariz.

**Exochomus** Redt. 43-118

11220. marginipennis Lec. 24-174 N.Y.-Fla. Ind.  
 L.Sup.

**Exochomus** Redt.

- prætextatus Melsh. 47-178  
 deflectens Csy. 08-410 Mo.  
 a. childreni Muls. 41-1037 Fla.-So. Cal.  
 guexi Lec. 52-132 [Ariz.  
 contristatus Muls. 51-492 Mex.  
 b. latiusculus Csy. 99-108 Fla.-Mo. Tex.  
 c. californicus Csy. 99-107 So. Cal. Nev.  
 desertorum Csy. 99-108 Nev.  
 d. fasciatus Csy. 99-108 So. Cal.  
 11221. subrotundus Csy. 99-108 Tex.  
 (Brumus Muls. 51-492)  
 22. æthiops Bland 64-72 Neb.-Ariz.  
 a. mormonicus Csy. 08-411 Ut. [Colo.  
 23. orbiculatus Leng 08-41 Ariz.  
 24. högei Gorh. 94-180 Colo.-Mex.  
 25. septentrionis Weise 85-230 H.B.T. Man.-  
 a. nevadensis Leng 08-42 Nev. [Tex.  
 b. ovoideus Csy. 99-107 Colo. Ariz.  
 c. parvicollis Csy. 08-411 Ut.  
 26. davisii Leng 08-42 Atl. St.  
 27. histrio Fall 01-230 So. Cal.

**Orcus** Muls. 51-467

11228. chalybeus (Boisd.) 35-595 †Cal.

## EPILACHNINÆ

**Epilachna** Chev. 44-359

11229. borealis (Fab.) 75-82 Fla. Conn.  
 Ind.  
 30. mexicana Guér. 46-519 Mex. Border

**Epilachna** Chev.

11231. corrupta Muls. 51-815 Mex.  
 maculiventris Bland 64-72  
 juncta Joh. 10-79  
 a. cuprea Ckll. 18-153 Colo.  
 32. toweri Joh. 10-78 Tex.

† Introduced.



## TENEBRIONOIDEA

ALLECULIDÆ (*Cistelidæ*)

Casey 91; Borchmann 10

## ALLECULINÆ

**Lobopoda** Sol. 35-233(*Allecula* ‡ auct.)

11233. sordida (Horn) 94-432 L.Cal.  
 34. socia Lec. 54-84 Tex.  
 35. subcuneata Csy. 91-79 Tex.  
 36. punctulata (Melsh.) 46-59 N.J.-Tex. Fla.  
 37. oculatifrons Csy. 91-81 Tex. [Ind.  
 38. erythrocnemis (Germ.) 24-164 La. Fla.  
 39. atra (Say) 27-242 Conn. Pa.  
 nigrans (Melsh.) 46-60 Pa. Fla.

**Stenochidus** Lec. 62-244

11240. robustus Schffr. 11-125 Cal.  
 41. cyanescens Lec. 59-78 So. & No.Cal.  
 a. carbonarius Schffr. 11-126 Cal. [Nev.  
 42. gracilis Lec. 51-150 So.Cal.

**Alethia** Champ. 88-417

11243. carbonaria Schffr. 05-176 Ariz.

**Charisius** Champ. 88-421

11244. floridanus Linell 99-184 Fla.

**Hymenorus** Muls. 51-201

11245. humeralis Lec. 66-315 Ky.  
 46. niger (Melsh.) 46-59 Can.-Tex. Fla.  
 Ind.  
 47. infuscatus Csy. 91-90 Cal. So.Cal.  
 48. picipennis Csy. 91-90 Mich.  
 49. punctulatus Lec. 59-78 Cal. (Fla.?)  
 50. melsheimeri Csy. 91-92 Mich. Ind.  
 51. pilosus (Melsh.) 46-58 Mass. Va. Ind.  
 obesus Csy. 91-93 N.Y.  
 52. difficilis Csy. 91-94 N.Y.  
 53. perforatus Csy. 91-95 Pa. N.C. Ind.  
 54. curticolis Csy. 91-95 Iowa  
 55. obscurus (Say) 27-242 N.Y.-Tex.  
 Fla. Ind.  
 56. communis Lec. 66-135 N.C. Fla.  
 57. discrepans Csy. 91-98 Cal.  
 58. grandicollis Champ. 88-429 Mex. Ariz.  
 59. apacheanus Csy. 91-99 Ariz. [So.Cal.  
 60. exiguus Csy. 91-100 Tex.  
 61. helvinus Csy. 91-101 Tex.  
 62. porosicornis Csy. 91-101 Tex.  
 63. intermedius Csy. 91-102 Tex.  
 64. prolixus Csy. 91-103 Ariz. N.Mex.  
 65. occidentalis Champ. 88-425 C.Am. Tex.  
 Ariz. Ind.  
 66. dorsalis Sz. 78-370 Fla.  
 67. discretus Csy. 91-105 Mass. N.Y.  
 rufipes Henshaw No. 7596<sup>1</sup> [Fla.  
 68. convexus Csy. 91-106 Fla. Tex.  
 69. densus Lec. 66-138 Fla. Tex. O.  
 70. elbertæ Blatch. 18-57 Fla. [Ind.

**Hymenorus** Muls.

11271. ruficollis Champ. 88-438 Mex. Ariz.  
 72. dissensus Csy. 91-109 Tex.  
 73. scriatus Csy. 91-109 Ariz.  
 74. testaceus Csy. 91-110 Ariz.  
 75. rotundicollis Csy. 91-111 Ariz.  
 76. inquilinus Csy. 91-112 Cal.  
 77. fusicornis Csy. 91-112 Cal. So.Cal.  
 78. nitidipennis Csy. 91-113 Ariz.  
 79. inæqualis Csy. 91-114 Ariz.  
 80. tenellus Csy. 91-115 Fla.  
 81. sobrinus Csy. 91-115 Fla.  
 82. floridanus Csy. 91-116 Fla.  
 83. confertus Lec. 66-136 Cal. Ariz.?  
 84. fuscus Csy. 91-117 Cal. So.Cal.  
 85. macer Csy. 91-118 Cal. So.Cal.  
 86. indutus Csy. 91-119 Tex. Ariz.  
 87. punctatissimus Lec. 66-138 Ariz. So.Cal.  
 88. deplanatus Champ. 88-440 Mex. Ariz.  
 89. gemellus Csy. 91-121 Ariz.  
 90. uniseriatus Csy. 91-122 Cal.  
 91. planulus Horn 94-434 L.Cal.  
 92. spinifer Horn 94-434 Cal. Ariz.  
 93. granulatus Blatch. 12-331 Fla.

**Menœceus** Champ. 88-443

11294. texanus Champ. 88-444 Tex.

**Phedius** Champ. 88-447

11295. funereus Schffr. 05-176 Ariz.  
 96. opaculus Horn 94-431 Cal.

**Telesicles** Champ. 88-450

11297. cordatus Champ. 88-451 Mex. Tex. Ariz.

**Tedinus** Csy. 91-153

11298. angustus Csy. 91-154 Ga.

**Pseudocistela** Cr. 73-108(?*Gonodera* Muls. 56-41)(*Cistela* ‡ auct. nec Fab.)

11299. brevis (Say) 23-269 Pa. Ind. Conn.  
 a. erythroptera (Ziegl.) 44-46 Pa.  
 11300. theveneti (Horn) 75-156 Cal.  
 01. pinguis (Lec.) 66-64 Kan.  
 brevis ‡ (Lec.) 59-16  
 02. opaca (Lec.) 59-78 Cal. So.Cal.  
 \*  
 03. marginata (Ziegl.) 44-46 Pa. N.Y.

**Isomira** Muls. 56-52

11304. iowensis Csy. 91-145 Iowa  
 05. discolor Csy. 91-145 Cal.  
 06. tenebrosa Csy. 91-146 N.Y.  
 07. sericea (Say) 23-270 Mass.-N.C.  
 Fla. Ind.  
 08. variabilis Horn 75-156 So.Cal. Wash.

<sup>1</sup> Authorities differ as to the interpretation of *rufipes* Lec. See 11331.

**Isomira** Muls.

11309. luscitiosa Csy. 91-148 Cal. So. Cal. .  
 10. pulla (Melsh.) 46-60 R.I.-N.C.  
 11. quadristriata Couper 65-62 Can.-N.C.  
     velutina Lec. 66-139 N.Y. [Ind.  
 12. similis Blatch. 10-1278 Ind.  
 13. monticola Csy. 91-150 Cal.  
 14. oblongula Csy. 91-151 N.Y. Ind.  
 15. valida Sz. 78-370 Fla.  
 16. texana Csy. 91-153 Tex.  
 17. ruficollis Ham. 93-308 Pa.  
 18. ignora Blatch. 14-144 Fla.

**Chromatia** Lec. 62-244

11319. amœna (Say) 23-268 N.Y. Ky. Ind.  
 Conn.

**Capnochroa** Lec. 62-244

11320. fuliginosa (Melsh.) 46-59 N.Y. Va. Ind.  
 Conn.

**Mycetochara** Berth. 27-371

(*Mycetophila* || Gyll. 10-541)

(*Mycetocharis* Gyll. 27-510)

(*Mycetochares* Latr. 29-42)

(*Mycetocharus* Steph. 29-245)

(*Stigmatoma* Lec. 62-244)

## I

11321. haldemani Lec. 66-140 N.Y.-Fla. Ind.  
 22. fraterna (Say) 23-270 Can.-Pa. Ind.  
     laticollis Lec. 78-617 Fla.  
 23. puncticollis Blatch. 17-276 Fla.  
 24. megalops Csy. 91-129 Ind.?  
 25. basillaris (Say) 23-269 Pa.  
 26. tenuis Lec. 66-140 Ind. N.Y. O.  
     Mich.

**Mycetochara** Berth.

11327. foveata Lec. 66-140 Mich. Ia. Ind.  
 28. gilvipes Csy. 91-131 N.C.  
 29. nigerrima Csy. 91-132 N.Y.  
 30. lecontei Borchm. 09-714  
     gracilis || Lec. 78-615 Mich.  
 31. rufipes Lec. 24-170 <sup>1</sup> N.Y. Mich.

## II

32. marginata Lec. 78-618 Mich.  
 33. binotata (Say) 24-285 Ind. Mich.  
     N.Y. Conn.  
 34. horni Dury 02-172 Ohio  
 35. longula Lec. 78-618 Mich.-Ind.  
 36. bicolor Coup. 65-62 Can.  
 37. analis Lec. 78-618 Mich. N.J.  
 38. lugubris Lec. 78-618 Mich.

## III

39. longipennis Csy. 91-139 So. Cal.  
 40. pacifica Csy. 91-139 Cal.  
 41. procera Csy. 91-140 So. Cal. Id.  
 42. pubipennis Lec. 78-617 So. Cal.  
 43. nevadensis Csy. 91-142 Nev.  
 44. crassulipes Csy. 91-142 No. Cal.

**Lystronychus** Latr. 29-41

(*Xystrobia* Sol. 35-238)

11345. championi Horn 94-443 L. Cal.  
 46. piliferus Champ. 88-462 Mex. Tex.  
 47. scapularis Champ. 88-463 Mex. Ariz.

**Prostenus** Latr. 25-377

(*Mecocerus* Sol. 35-241)

(*Xystropus* Csy. nec Sol.)

11348. californicus Horn 67-138 (Cal.?) †

## OMOPHLINÆ

**Andrimus** Csy. 91-155

(*Cteniopus* † Lec. 66-64 nec Sol.)

11349. murrayi (Lec.) 66-141 Fla.  
 50. brunneus Csy. 91-157 Fla.  
 51. concolor Csy. 91-158 Ga.  
 52. nigrescens Csy. 91-159 Fla.  
 53. convergens Csy. 91-159 ?

**Andrimus** Csy.

11354. confusus Blatch. 12-331 Fla.

**Androchirus** Lec. 66-64

11355. erythropus (Kby.) 37-239 Can. Ind. N.C.  
     fuscipes (Melsh.) 46-60  
     luteipes Lec. 66-64  
 56. femoralis (Oliv.) 95-54 S.C. Ga. Fla.

## TENEBRIONIDÆ

Horn 70; Casey 95, 07, 08, 10, 11, 12; Gebien 10, 11

## TENTYRIINÆ

Casey, 07

## CNEMODININI

**Cnemodinus** Ckll. 06-242

(*Cnemodus* || Horn 70-266)

11357. testaceus Horn 70-266 So. Cal.

**Cnemodinus** Ckll.

11358. angustus Csy. 07-284 Ariz.  
 59. subhyalinus Csy. 07-285 S.W. Utah

## EURYMETOPINI

**Eurymetopon** Esch. 31-8

11360. ochraceum Esch. 31-8 Cal.?  
 61. rufipes Esch. 31-8 So. Cal.

**Metoponium** Csy. 07-288

(*Eurymetopon* † auct. nec Esch.)

11362. laticolle Csy. 07-291 Ariz.

<sup>1</sup> Authorities differ as to the interpretation of rufipes Lec. See 11267.

† Introduced.

**Metoponium** Csy.

11363. abnorme Lec. 51-138 So. Cal.  
 64. faustum Csy. 07-292 So. Cal.  
 65. candidum Csy. 07-292 Ariz.  
 66. pallescens Csy. 07-293 Ariz.  
 67. congruens Csy. 07-293 N. Mex.  
 68. perforatum Csy. 90-334 Ariz.  
 69. anceps Csy. 07-294 N. Mex.  
 70. arizonicum Csy. 07-294 Ariz.  
 71. socium Csy. 07-295 Ariz.  
 72. subsimile Csy. 07-295 Ariz.  
 73. parvuliceps Csy. 07-296 Ariz.  
 74. rufopiceum Csy. 07-296 Ariz.  
 75. saginatum Csy. 07-296 Tex.  
 76. carbonatum Csy. 07-297 Ariz.  
 77. procerum Csy. 07-297 Ariz.  
 78. prolixum Csy. 07-298 Ariz.  
 79. papagonum Csy. 84-42 Ariz.  
 sculptile Csy. 84-44 Ariz.  
 80. fuscum Csy. 90-335 Ariz. So. Cal.  
 81. truncaticeps Csy. 07-299 Ariz.  
 82. crassum Csy. 07-299 Ariz.  
 83. egrigium Csy. 07-300 So. Cal.  
 84. extensum Csy. 07-300 Ariz.  
 85. dubium Csy. 84-44 Ariz.  
 86. phœnicis Csy. 07-301 Ariz.  
 87. hebes Csy. 01-301 Ariz.  
 88. rufescens Csy. 07-302 Ariz.  
 89. congener Csy. 90-333 Tex.  
 90. politum Csy. 90-338 Tex.  
 91. testaceum Csy. 07-303 So. Cal.  
 92. ludificans Csy. 07-303 Tex.  
 93. piceum Csy. 84-40 Ariz.  
 94. emarginatum Csy. 84-41 Ariz.  
 95. fatigans Csy. 07-304 Ariz.  
 96. eribriceps Csy. 07-305 Tex.  
 97. cognitum Csy. 07-305 Tex.  
 98. concors Csy. 07-305 So. Cal.  
 99. tersum Csy. 07-306 So. Cal.  
 11400. cylindricum Csy. 07-306 So. Cal.  
 01. nevadense Csy. 07-307 Nev.  
 02. gulosum Csy. 07-307 So. Cal.  
 03. subovale Csy. 07-307 S. W. Ut.  
 04. insulare Csy. 07-308 So. Cal. Is.  
 05. gravidum Csy. 07-308 So. Cal.  
 06. edax Csy. 07-309 So. Cal.?  
 07. molestum Csy. 07-309 So. Cal.  
 08. opacipenne Csy. 07-309 So. Cal.  
 09. convexicollis Lec. 51-139 So. Cal.  
 10. integer Csy. 07-310 So. Cal.  
 11. probatum Csy. 07-310 So. Cal.  
 (Metoponiopsis Csy. 07-290)  
 12. bicolor Horn 70-268 Cal. Ariz.

**Telabis** Csy. 90-331

11413. longipennis Csy. 90-339 N. Mex.  
 14. discors Csy. 90-342 Tex.  
 15. muricatula Csy. 90-341 Tex. Ariz.  
 16. prominens Csy. 07-314 Tex.  
 proxima Csy. 07-315 Tex.  
 17. rubida Csy. 07-315 Tex.  
 18. vafra Csy. 07-315 Ariz.  
 19. punctulata Lec. 66-105 L. Cal.  
 20. opacella Csy. 07-316 So. Cal.  
 21. histrica Csy. 90-340 Ariz.  
 22. obtusa Csy. 07-317 Ariz.  
 23. uteana Csy. 07-317 S. W. Utah  
 24. amica Csy. 07-318 Utah  
 25. lobifrons Csy. 07-318 Ariz.  
 26. mimetica Csy. 07-319 Tex.

**Telabis** Csy.

11427. sodalis Horn 70-268 So. Cal.  
 28. fidelis Csy. 07-320 So. Cal.  
 29. debilis Csy. 90-343 Ariz.  
 30. crassula Csy. 90-344 Tex. Ariz.  
 31. timida Csy. 07-320 Ariz.  
 32. compar Csy. 07-321 Ariz.  
 33. curticolis Csy. 07-321 Ariz.  
 34. vapida Csy. 07-322 Tex.  
 35. incisa Csy. 07-322 So. Cal.  
 sodalis † Csy. 90-343 Colo.  
 36. aspera Csy. 07-322 N. Mex.  
 37. famelica Csy. 07-323 N. Mex.  
 38. lustrella Csy. 07-323 N. Mex.  
 39. pavida Csy. 07-324 Ariz.  
 40. ovalis Csy. 07-324 Ariz.  
 41. inops Csy. 07-325 Ariz.  
 42. aliena Csy. 07-325 Ariz.  
 43. serrata Lec. 66-106 Ariz. Tex.  
 44. blanda Csy. 07-326 Tex. [So. Cal.]

**Cryptadius** Lec. 51-140

11445. inflatus Lec. 51-140 So. Cal.  
 46. oviformis Csy. 07-328 So. Cal.  
 47. punctipennis Csy. 07-328 So. Cal.  
 48. curvipes Csy. 07-329 Cal.

**Emmenides** Csy. 07-329

11449. punctatus Lec. 66-106 L. Cal.

**Armalia** Csy. 07-330

11450. texanus Lec. 66-108 Tex.  
 51. angularis Csy. 07-331 Tex.

**Hylocrinus** Csy. 07-331

11452. tenuis Csy. 07-333 Ariz.  
 53. longulus Lec. 51-139 So. Cal. Ariz.  
 54. filitarsis Csy. 07-333 So. Cal.  
 55. breviusculus Csy. 07-334 Tex.  
 56. delicatulus Csy. 07-334 S. W. Ut. Nev.  
 57. depressulus Csy. 07-335 So. Cal.  
 58. angustus Csy. 90-352 Ariz.  
 59. blaisdelli Csy. 07-336 Cal.  
 60. cunctans Csy. 07-336 Tex.

(Locrodes Csy. 07-336)'

61. piceus Csy. 90-353 So. Cal.  
 62. oblongulus Csy. 07-337 So. Cal.  
 63. laborans Csy. 07-337 Utah  
 64. brunnescens Csy. 07-338 Utah  
 65. fraternus Csy. 07-338 Utah  
 66. umbrosus Csy. 07-338

(Paravius Csy. 07-338)

67. marginatus Csy. 90-351 L. Cal.  
 — vicinus Champ. 84-8 Cal.?

**Emmenastrichus** Horn 94-413

11468. cribratus Horn 94-413 L. Cal.  
 69. erosus Horn 94-414 L. Cal.

**Steriphanus** Csy. 07-342

11470. discrepans Csy. 07-343 Ariz.  
 71. lustrans Csy. 07-344 Ariz.  
 72. nitescens Csy. 07-344 Tex.  
 73. lubricans Csy. 07-345 Ariz.  
 74. hilaris Csy. 07-345 Ariz. Ut.  
 75. rutilans Csy. 07-346 Tex.  
 76. convexus (Lec.) 66-107 Tex. N. Mex.  
 Ariz.  
 77. unicolor Csy. 07-346 N. Mex.?



**Steriphanus** Csy.

11478. *nigrans* Csy. 07-347 Ariz.  
 79. *alutaceus* Csy. 07-348 Ariz.  
 80. *subopacus* (Horn) 70-269 Ariz.  
 81. *peropacus* Csy. 07-349 Ariz.  
 82. *conicicollis* Csy. 90-355 Ariz.  
 83. *libertus* Csy. 07-350 Ariz.  
 84. *discretus* Csy. 90-354 Ariz.  
 85. *proprius* Csy. 07-350 Ariz.  
 86. *perovatus* Csy. 07-351 Tex.  
 87. *aridus* Csy. 07-351 Ariz.

**Stictodera** Csy. 07-352

11488. *pinguis* (Lec.) 66-107 L.Cal.

**Melanastus** Csy. 07-353

11489. *ater* (Lec.) 51-139 Cal.  
 90. *mæstus* Csy. 07-355 Cal.  
 91. *nitidus* (Csy.) 90-362 Ariz.  
 92. *obtusus* (Lec.) 66-107 Cal.  
 93. *thoracicus* (Csy.) 90-362 So.Cal.  
 94. *exoletus* Csy. 07-357 Cal.

**Melanastus** Csy.

11495. *sterilis* Csy. 07-357 So.Cal.  
 96. *lucidulus* Csy. 07-358 Cal.  
 97. *otiosus* Csy. 07-358 Cal.  
 98. *implicans* Csy. 07-358 Colo.  
 99. *fallax* (Csy.) 90-361 N.Mex.  
 11500. *finitimus* Csy. 07-359 Colo.  
 01. *crassicornis* (Csy.) 90-363 No.Cal.  
 02. *æquicollis* Csy. 07-360 No.Cal.  
 03. *vegrandis* Csy. 07-360 Cal.  
 04. *coarcticollis* (Csy.) 90-364 N.Mex.  
 05. *ludius* Csy. 07-361 Utah  
 06. *acuminatus* Csy. 07-362 Colo.  
 07. *parvus* Csy. 07-362 Colo.  
 08. *acutus* (Horn) 70-270 Neb.  
 09. *exiguus* Csy. 07-363 Colo.  
 10. *obesus* (Lec.) 51-139 So.Cal.  
     *nanulus* (Csy.) 84-45 So.Cal.  
 11. *nuperus* Csy. 07-364 Ariz.

**Emmenastus** Mots. 45-75

- <sup>1</sup> — *rugosus* Mots. 45-76 Alas.

AUCHMOBIINI (= *Eurymetoponini* Csy. 11-245)**Auchmobius** Lec. 51-139

11512. *sublævis* Lec. 51-140 So.Cal.

## TRIMYTINI

**Trimytis** Lec. 51-141

11513. *nympha* Csy. 07-368 Tex.  
 14. *pruinosa* Lec. 51-141 Colo.N.Mex.  
 15. *tonsa* Csy. 07-369 Colo.  
 16. *ignava* Csy. 07-369 Colo.

(*Pimalius* Csy. 07-367)

17. *pulverea* Horn 70-261 Ariz.  
 18. *obtusa* Horn 94-412 L.Cal.

**Prometopion** Csy. 07-370

11519. *helopioides* (Horn) 70-31 Cal.So.Cal.  
 20. *amplipenne* Csy. 07-372 Tex.

**Chilometopon** Horn 74-31

11521. *abnorme* (Horn) 70-261 Nev. So.Cal.  
 22. *castaneum* Csy. 07-373 Cal.  
 23. *brevipenne* Csy. 07-374 Utah  
 24. *ensifer* Csy. 07-370 Nev.  
 25. *pallidum* (Csy.) 90-367 Tex.

## TRIENTOMINI

**Trientoma** Sol. 35-256

11526. *wickhami* Csy. 07-377 Bahama,  
 (Fla.?)

## EPITRAGINI

**Polemiotus** Csy. 07-381

(*Epitragus* auct. pars)

11527. *submetallicus* (Lec.) 54-224 Ariz.  
 28. *humeralis* Csy. 07-382 Ariz.  
 a. *acuticauda* Csy. 07-383 Ariz.

**Cyrtomius** Csy. 07-383

(*Epitragus* auct. pars)

11529. *dentiger* (Horn) 70-265 Ariz.

\*

**Lobometopon**<sup>2</sup> Csy. 07-385

(*Epitragus* auct. pars)

11530. *uintanum* Csy. 07-388 Utah  
 31. *fusiforme* (Csy.) 90-365 Ariz.  
 32. *symmetricum* Csy. 07-389 Ariz.  
 33. *pimalicum* Csy. 07-389 Ariz.  
 34. *æneopiceum* Csy. 07-390 Ariz.

**Lobometopon** Csy.

11535. *docile* Csy. 07-390 Ariz.  
 36. *propinquum* Csy. 07-391 Ariz.  
 37. *cribricolle* Csy. 07-391 N.Mex.  
 38. *jucundum* Csy. 07-392 Kan.  
 39. *parvicolle* Csy. 07-392 Utah  
 40. *æquipenne* Csy. 07-393 Ariz.  
 41. *morrisoni* Csy. 07-393 Ariz.  
 42. *ovale* (Csy.) 84-184 Tex.  
 43. *obscurum* Csy. 07-395 Kan.  
 44. *plumbeum* (Lec.) 66-109 Kan.  
     (*Epitragoma* Csy. 07-386)  
 45. *vestitum* (Csy.) 91-53 Ariz.

**Bothrotes** Csy. 07-398

(*Epitragus* auct. pars)

11546. *fortis* Csy. 07-399 Fla.  
 47. *acutus* (Lec.) 66-108 Tex.(So.Fla.?)

<sup>1</sup> Not numbered because Casey "definitely rejects" the genus as a component part of our fauna. No species of the tribe was known to him from above the latitude of southern Idaho.

<sup>2</sup> No. 10508 Henshaw Suppl., described from Mexico, is omitted.



**Zopherodes** Csy. 07-36

11636. tristis (Lec.) 51-130 Ariz. So. Cal.  
 a. variabilis Csy. 07-464 Ariz.  
 b. incrustans Csy. 07-464 Ariz.  
 c. æqualis Csy. 07-38 Ariz.  
 37. concolor (Lec.) 51-130 N. Mex.  
 38. induratus (Csy.) 90-367 Cal. So. Cal.  
 39. ventriosus Csy. 07-39 So. Cal.  
 a. californicus Csy. 07-466 Cal.  
 b. parvicollis Csy. 07-466 Cal.  
 40. guttulatus (Horn) 67-160 Tex. N. Mex.  
 a. morosus Csy. 07-465 N. Mex.  
 41. otiosus Csy. 07-39 N. Mex.  
 verrucipennis Csy. 07-465 N. Mex.

**Zopherodes** Csy.

11642. pudens Csy. 07-40 Ariz.  
 43. elongatus Csy. 07-466 Ariz.  
 44. lugubris Csy. 07-41 Ariz.  
 45. uteanus Csy. 07-40 Utah  
 46. mormon Csy. 07-40 Utah  
 47. opacus (Horn) 67-161 Nev. Utah  
 48. caudalis Csy. 07-41 Ariz.  
 49. pruddeni Csy. 07-41 Ariz.  
 50. luctuosus Csy. 07-41 Ariz.  
 51. granicollis (Horn) 85-160 L. Cal. So. Cal.  
 52. geminatus Csy. 07-467 Ariz.  
 53. gracilis (Horn) 67-162 Ariz.  
 54. elegans (Horn) 70-272 N. Mex.

## NOSODERMINI

**Phlæodes** Lec. 62-216

(Ageonoma Pasc. 66-487)

11655. diabolicus Lec. 51-130 Cal. So. Cal.  
 56. ovipennis Csy. 07-42 Cal..  
 57. elongatus Csy. 07-42 Cal.  
 58. pustulosus Lec. 59-77 Cal.  
 59. scaber Csy. 07-43 Cal.  
 60. latipennis Csy. 07-43 Cal.  
 61. angustus Csy. 07-43 Cal.  
 62. remotus Csy. 07-472 Cal.

**Noserus**<sup>1</sup> Lec. 62-216

11663. plicatus Lec. 59-77 Cal. So. Cal.  
 64. torvus Csy. 07-44 Cal.

**Noserus** Lec.

11665. collaris Csy. 07-44 Cal.  
 66. corrosus Csy. 07-474 Cal.  
 67. convexulus Csy. 07-474 Cal.  
 \*  
 68. emarginatus Horn 78-55 Tex.

**Phellopsis** Lec. 62-216

(Pseudonosoderma Heyd. 85-305)

11669. porcata (Lec.) 53-235 Or. Alas.  
 70. robustula Csy. 07-45 Idaho  
 71. obcordata (Kby.) 37-236 Pa. N. H. Nfld.  
 72. montana Csy. 07-46 Cal.  
 — ?amurense (Heyd.) 85-306 Sib.

## USECHINI

**Usechus** Mots. 45-79

11673. lacerta Mots. 45-79 Cal.

**Usechus** Mots.

11674. nucleatus Csy. 89-176 No. Cal.

## ARÆOSCHIZINI

**Aræoschizus** Lec. 51-138

11675. costipennis Lec. 51-138 Cal. N. Mex.  
 76. tenuis Csy. 07-486 Ariz. [So. Cal.  
 77. exiguus Csy. 07-487 Cal.  
 78. fimbriatus Csy. 90-369 Cal. Ariz.  
 79. sulcicollis Horn 70-274 Cal. So. Cal.  
 80. simulans Csy. 07-488 So. Cal.

**Aræoschizus** Lec.

11681. regularis Horn 70-274 Ariz.  
 82. simplex Csy. 90-369 Tex. Ariz.  
 83. decipiens Horn 90-342 Ariz. Mex.  
 84. armatus Horn 70-275 Cal. So. Cal.  
 85. duplicatus Csy. 07-491 Wy.

## DACODERINI

**Dacoderus** Lec. 58-74

11686. striaticeps Lec. 58-75 So. Cal. Ariz.  
 87. laevipennis Horn 93-139 Tex.

## TYPHLOSECHINI

**Typhlusechus** Linell 97-154

11688. singularis Linell 97-155 So. Cal.

## BATULIINI

**Batulius** Lec. 51-148

11689. setosus Lec. 51-148 So. Cal. Ariz.

**Batuliodes** Csy. 07-499

11690. rotundicollis (Lec.) 51-148 So. Cal.

## ANEPSIINI

**Anepsius** Lec. 51-147

11691. valens Csy. 07-504 Ariz.  
 92. montanus Csy. 92-55 Colo.  
 93. delicatulus Lec. 51-148 So. Cal.  
 a. atratus Csy. 07-506 So. Cal.  
 catenulosus Csy. 07-505 So. Cal.

**Anepsius** Lec.

11694. brunneus Csy. 07-506 S. W. Utah  
 95. nebulosus Csy. 07-507 So. Cal.  
 96. bicolor Csy. 07-507 So. Cal.  
 97. deficiens Csy. 07-507 So. Cal.

## VACRONINI

**Vacronus** Csy. 07-508

11698. tenuicornis Csy. 07-508 Cal.

<sup>1</sup> This name is probably preoccupied; see Cockerell 1916.



## NYCTOPORINI

**Nyctoporis** Esch. 31-11

- (*Emeax* Pasc. 66-450)  
 (Enneacoides Fairm. 81-277)  
 11699. cristata Esch. 31-11 Cal.  
     galeata Lec. 57-49  
 11700. pullata Csy. 07-510 No. Cal.  
     01. sponsa Csy. 07-510 Cal.

**Nyctoporis** Esch.

11702. carinata Lec. 51-138 Cal. So. Cal.  
     vinculiger (Fairm.) 81-277  
     03. segnis Csy. 07-511 Cal.  
     04. æquicollis Esch. 31-12 Cal.  
     05. maura Csy. 07-512 Cal.  
     06. tetrica Csy. 07-512 Cal.

## CRYPTOGLOSSINI

**Centrioptera** Mann. 43-279

- (*Oochila* Lec. 66-220)  
 (*Asbolus* Lec. 54-64 pars)  
 11707. spiculifera Lec. 61-337 Cal.  
     08. muricata Lec. 51-142 Cal. Ariz. So.  
     09. utensis Csy. 07-513 S. W. Utah  
     10. asperata Horn 70-279 Cal. So. Cal.  
     11. variolosa Horn 70-280 Ariz.  
     12. seriata Lec. 61-337 L. Cal. So. Cal.  
     13. infausta Lec. 54-84 Tex.  
     14. angularis Horn 94-414 L. Cal.  
     — caraboides Mann. 43-280 Cal.

**Schizillus** Horn 74-33

11715. laticeps Horn 74-33 Cal. So. Cal.

**Cryptoglossa** Sol. 36-680

11716. verrucosa Lec. 51-129 So. Cal. Ariz.  
     17. laevis Lec. 51-130 Cal. So. Cal.

**Threnus** Mots. 70-406

11718. niger Mots. 70-406 Cal.

**Eschatoporis** Blaisd. 06-76

11719. nunenmacheri Blaisd. 06-77 Cal.

## ASIDINI

**Astrotus** Lec. 58-19

11720. contortus (Lec.) 53-446 Tex.  
     21. regularis Horn 70-290 Tex.  
     22. alveolatus Csy. 12-83 Tex.

**Stenosides** Sol. 36-484

11723. texanus (Wickl.) 03-72 Tex.

**Pactostoma** Lec. 58-19

- (*Ologlyptus* Lacord. 59-158)  
 11724. anastomosis (Say) 23-256 Kan. Ark.  
     a. salebrosa Csy. 12-87 Tex. [Colo.  
     25. exoleta Csy. 12-87 Ariz.  
     26. monticola Csy. 12-88 Ariz.  
     27. luteotecta Csy. 12-88 N. Mex.  
     28. sigillata Csy. 12-89 Ariz.  
     29. obtecta Csy. 12-89 N. Mex.  
     30. sinuaticollis Champ. 84-69 Tex.

**Pycnonotida** Csy. 12-89

11731. laticollis Csy. 12-91 So. Cal.  
     32. inæqualis (Lec.) 51-129 So. Cal.  
     a. diversa Csy. 12-92 So. Cal.  
     33. araneoides Csy. 12-92 So. Cal.  
     34. impar Csy. 12-93 So. Cal.  
     35. puncticollis (Lec.) 51-129 So. Cal.  
     36. polita (Horn) 93-141 Ariz.

**Microschatia** Sol. 36-474

11737. championi Horn 93-140 L. Cal.  
     punctata || Horn 70-282  
     \*  
     38. morata Horn 78-56 N. Mex. Ariz.  
     39. sulcipennis Lec. 58-18 Tex. N. Mex.

**Glyptasida** Csy. 12-95

- (*Pelecyporus* Lec. nec Sol.)  
 11740. sordida (Lec.) 53-445 Ark.  
     a. porcatula Csy. 12-97 Colo.  
     41. parvicollis Csy. 12-97 Ariz.  
     42. subpubescens Csy. 12-98 N. Mex.

**Glyptasida** Csy.

11743. turgescens Csy. 12-98 Kan.  
     a. obesa Csy. 12-99 Kan.  
     b. furtiva Csy. 12-99 Kan.  
     44. procrustes Csy. 12-99 Kan.  
     45. strigipennis Csy. 12-100 Kan.?  
     46. costipennis (Lec.) 58-20 Ariz.  
     a. fulvisetis Csy. 12-100 ?  
     47. turbulenta Csy. 12-101 N. Mex.  
     48. ægra (Lec.) 58-19 Tex.  
     a. irregularis (Lec.) 58-19 Tex.  
     b. pigra Csy. 12-102 ?  
     c. plena Csy. 12-102 ?  
     d. imperfecta Csy. 12-102 Colo.?  
     49. heres Csy. 12-103 Tex.  
     50. crenicollis Csy. 12-103 Wy.  
     51. sycophanta Csy. 12-104 Tex.

**Pelecyporus** Sol. 36-467

(*Philolithus* Lacord. 59-157)

## I.

11752. ægrotus Lec. 61-337 L. Cal. So. Cal.  
     a. limbatus Csy. 12-107 L. Cal.  
     53. corporalis Csy. 12-107 Ariz.  
     54. reptans Csy. 12-108 Ariz.  
     55. socer Csy. 12-108 Ariz.?  
     56. abscissus Csy. 12-109 Ariz.  
     57. fumosus Csy. 12-109 So. Cal.  
     58. morbillosus Lec. 58-74 Mex.  
     a. sobrius Csy. 12-110 So. Ariz.  
     b. pacatus Csy. 12-110 Ariz.  
     59. parvus Csy. 12-110 Ariz.  
     60. piceus Csy. 12-111 Ariz.  
     a. crudelis Csy. 12-111 Ariz.  
     61. snowi Csy. 12-111 Ariz.  
     62. subtenuis Csy. 12-112 Ariz.

## II.

63. carinata Lec. 51-128  
     carinifera Gebien 10-128 So. Cal.  
     64. sophistes Csy. 12-113 Cal.  
     65. quadripennis Csy. 12-113 L. Cal.

**Pelecyphorus** Sol.

## III.

11766. *adversus* Csy. 12-114 Ariz.  
 67. *reflexus* Csy. 12-114 Cal.  
 68. *opinus* Csy. 12-115 So. Cal.  
 69. *actuosus* (Horn) 70-284 So. Cal.  
 70. *haruspex* Csy. 12-115 S.W. Utah  
 a. *ellipsipennis* Csy. 12-116 S.W. Utah  
 71. *pantex* Csy. 12-116 Nev.  
 72. *corrosus* Csy. 12-117 E. Wash.  
 73. *densicollis* (Horn) 94-417 Or.

**Gonasida** Csy. 12-117

11774. *gravida* Csy. 12-119 Ariz.  
 75. *inferna* Csy. 12-119 N. Mex.  
 76. *compar* Csy. 12-120 Kan.  
 77. *elata* (Lec.) 53-445 Tex. N. Mex.  
 a. *difformis* (Lec.) 54-223 Tex. (Ariz.?)  
 b. *reducta* Csy. 12-121 Kan.  
 c. *prolixa* Csy. 12-121 Kan.  
 78. *aucta* Csy. 12-122 Colo.  
 79. *alaticollis* Csy. 12-122 N. Mex.

**Parasida** Csy. 12-124

11780. *laciniata* Csy. 12-128 Ariz.  
 81. *lirata* (Lec.) 54-223 N. Mex. So.  
 82. *sexcostata* (Lec.) 61-337 L. Cal. [Ariz.?

**Euschides** Lec. 58-19

## I.

11783. *pollens* Csy. 12-134 Ariz.  
 a. *proximus* Csy. 12-134 Ariz.  
 84. *brevimargo* Csy. 12-134 Ariz.  
 85. *rusticus* Csy. 12-135 Ariz.  
 86. *sponsor* Csy. 12-135 Ariz.  
 87. *implicans* Csy. 12-136 Ariz.  
 88. *marginatus* (Lec.) 51-128 Ariz. So. Cal.  
 a. *duplicans* Csy. 12-136 ?  
 b. *esuriens* Csy. 12-137 So. Cal.  
 89. *procurrens* Csy. 12-137 Ariz.  
 90. *caliginosus* Csy. 12-137 Ariz.  
 ?*subcostatus* (Lec.) 53-446  
 91. *satiatus* Csy. 12-138 Ariz.  
 92. *rugatus* Csy. 12-138 Ariz.  
 93. *rudis* Csy. 12-139 Ariz.  
 94. *rimatus* (Lec.) 54-223 Tex.  
 a. *subplanatus* Csy. 12-139 Ariz.  
 95. *cribratus* Csy. 12-140 N. Mex.  
 96. *suberuentus* Csy. 12-140 N. Mex.  
 97. *semirufus* Csy. 12-140 Ariz.  
 98. *directa* Csy. 12-141 Ariz.  
 99. *subcylindricus* (Horn) 70-288 Ariz.

## II.

11800. *advena* Csy. 12-143 Colo.  
 01. *corrugans* Csy. 12-143 Ariz.  
 02. *severus* Csy. 12-144 N. Mex.

## III.

11803. *spureans* Csy. 12-145 Cal.  
 04. *lecontei* (Horn) 66-12 Cal.  
*costipennis* || (Lec.) 59-76 Cal.  
 05. *evanescens* Csy. 12-146 Cal.  
 06. *compressus* (Horn) 70-287 Cal.  
 07. *neutralis* Csy. 12-146 Cal.

## IV.

08. *crinitus* Csy. 12-148 Or.  
 09. *puncticollis* (Lec.) 66-111  
*robusta* (Gebien) 10-135 Or.

**Euschides** Lec.

12810. *tetricus* Csy. 12-149 Utah  
 11. *consobrinus* (Horn) 70-287?

## V.

12. *captiosus* (Horn) 70-287 Cal.  
 13. *maritimus* Csy. 12-151 Cal.  
 a. *inulus* Csy. 12-151 Cal.  
 14. *subelegans* Csy. 12-152 Cal.  
 15. *tularensis* Csy. 12-152 Cal.  
 16. *amplicollis* Csy. 12-153 Cal.  
 17. *integer* Csy. 12-153 Cal.  
 18. *crassus* Csy. 12-154 Cal.  
 19. *angulatus* (Lec.) 51-127 Cal. So. Cal.  
 20. *deceptor* Csy. 12-154 Cal.  
 21. *gravidipes* Csy. 12-155 Cal.  
 22. *luctatus* (Horn) 70-286 Cal. So. Cal.

## VI.

23. *convexicollis* (Lec.) 54-223 N. Mex.  
 24. *inhabilis* Csy. 12-156 N. Mex.  
 a. *retusus* Csy. 12-157 Kan.  
 25. *fastigosus* Csy. 12-157 N. Mex.  
 26. *globoicollis* Csy. 12-158 Neb.

## VII.

27. *vigens* Csy. 12-159 Ariz.  
 28. *convexus* (Lec.) 59-14 Colo. W. Kan.  
 29. *gracilior* Csy. 12-160 Kan.  
 30. *obovatus* (Lec.) 51-127 Ariz. So. Cal.  
 a. *nitidipennis* Csy. 12-160 Ariz.  
 b. *gliscans* Csy. 12-161 Ariz.  
 31. *consuetus* Csy. 12-161 Ariz.?  
 32. *socialis* Csy. 12-162 N. Mex.  
 33. *huachucae* Csy. 12-162 Ariz.  
 34. *consors* Csy. 12-162 N. Mex.  
 35. *papagoanus* Csy. 12-163 Ariz.  
 36. *strigulosus* Csy. 12-163 Ariz.  
 37. *congruens* Csy. 12-164 N. Mex.  
 a. *lubricus* Csy. 12-164 Ariz.  
 38. *facilis* Csy. 12-165 Kan.

**Heterasida** Csy. 12-165

11839. *bifurca* (Lec.) 61-337 L. Cal.  
 40. *connivens* (Lec.) 66-110 L. Cal.  
 41. *tantilla* Csy. 12-167 L. Cal.  
 42. *exilis* Csy. 12-168 L. Cal.  
 43. *subvittata* (Horn) 94-416 L. Cal.

**Asidina** Csy. 12-169

11844. *parallela* (Lec.) 51-128  
*neglecta* (Gebien) 10-134 So. Cal.  
 45. *teres* Csy. 12-171 Ariz.  
 46. *liberta* Csy. 12-171 Ariz.  
 47. *wickhami* (Horn) 94-420 Ariz.  
 48. *confluens* (Lec.) 51-128 So. Cal.

**Trichiasida** Csy. 12-172

## I.

11849. *hirsuta* (Lec.) 51-127 So. Cal.  
 50. *lineatopilosa* Csy. 12-175 So. Cal.

## II.

51. *acerba* (Horn) 78-56 Utah  
 52. *hispidula* (Lec.) 51-127 So. Cal.  
 53. *tenella* Csy. 12-177 Ariz.

## III.

54. *duplex* Csy. 12-178 Tex.  
 55. *gabbi* (Horn) 80-152 L. Cal. So. Cal.  
*gibbicollis* || (Horn) 70-288

## IV.

56. *impetrata* (Horn) 94-418 So. Cal.  
 57. *ignava* Csy. 12-180 Ariz.

**Trichiasida** Csy.

11858. *impotens* Csy. 12-180 Ariz.  
     V.  
     59. *horrida* (Champ.) 92-500 Mex. Tex.  
     60. *semilaevis* (Horn) 70-284 Nev.

**Platasida** Csy. 12-182

11861. *embaphionides* (Horn) 94-419 L.Cal.  
     62. *flaccida* (Horn) 96-379 L.Cal.

**Asidopsis** Csy. 12-185

- I.  
 11863. *macra* (Horn) 82-304 N.Mex. Ariz.  
     64. *eximia* Csy. 12-188 Tex.  
     65. *quadricollis* (Horn) 80-151 N.Mex.  
     66. *cochisensis* Csy. 12-189 Ariz.  
     67. *gracilipes* Csy. 12-189 Ariz.  
     68. *suavis* Csy. 12-190 Ariz.  
     69. *pinalica* Csy. 12-190 Ariz.  
 II.  
     70. *consentanea* Csy. 12-192 Cal.?  
     71. *obsidiana* Csy. 12-193 Colo.  
     72. *polita* (Say) 23-255 Kan. Neb.  
     a. *subopaca* Csy. 12-193 Kan.  
     b. *futilis* Csy. 12-194 Kan.  
     73. *dolosa* Csy. 12-194 Wy.  
 III.  
     74. *mancipata* (Horn) 78-56 N.Mex.  
 IV.  
     75. *nitidula* Csy. 12-196 N.Mex.  
     76. *woodgatei* Csy. 12-197 N.Mex.  
     77. *tensa* Csy. 12-197 Colo.  
     78. *opaca* (Say) 23-254 Kan. Colo.  
     79. *collega* Csy. 12-198 Kan. [Mont.  
     80. *abbreviata* Csy. 12-198 N.Mex.

**Asidopsis** Csy.

11881. *servilis* Csy. 12-199 Colo.  
     82. *immunda* Csy. 12-199 N.Mex.  
     83. *cœnosa* Csy. 12-200 N.Mex.  
     V.  
     84. *planata* (Horn) 94-415 L.Cal.

**Megasida** Csy. 12-202

11885. *obliterata* (Champ.) 92-497 Mex. Ariz. Tex.

**Stethasida** Csy. 12-203

- I.  
 11886. *obsoleta* (Lec.) 51-128 Cal. So. Cal.  
     a. *expansa* Csy. 12-205 Cal.  
     b. *opacella* Csy. 12-205 Cal.  
     87. *brevipes* Csy. 12-206 Cal.  
     88. *torpida* Csy. 12-206 Cal.  
     89. *discreta* Csy. 12-207 Cal.  
     90. *longula* Csy. 12-207 Cal.  
     91. *convergens* Csy. 12-207 So. Cal.  
     92. *adumbrata* Csy. 12-208 So. Cal.  
     93. *tarsalis* Csy. 12-208 Cal.  
     94. *occulta* Csy. 12-208 Ariz.  
     95. *unica* Csy. 12-209 So. Cal.  
 II.  
     96. *stricta* Csy. 12-210 Cal.  
     97. *pertinax* Csy. 12-211 So. Cal.  
     98. *muricatula* (Lec.) 51-129 Cal. So. Cal.  
     a. *languida* Csy. 12-211 So. Cal.  
     99. *socors* Csy. 12-212 Cal.  
     11900. *angustula* Csy. 90-370 So. Cal.  
     a. *inepta* Csy. 12-213 So. Cal.  
     01. *tenax* Csy. 12-213 So. Cal.  
     02. *vegrandis* Csy. 12-214 So. Cal.

- Asida** auct. nec Latr. 04-269  
 — *californica* Mots. 70-399 Cal.

## TENEBRIONINÆ

Casey 90-390 pars

## SCAURINI

**Argoporis** Horn 70-325

11903. *costipennis* (Lec.) 51-143 Or. So. Cal.  
     04. *ebenina* Horn 94-424 L. Cal. [Ariz.  
     05. *inconstans* Horn 94-425 L. Cal. So. Cal.  
     06. *alutacea* Csy. 90-406 Ariz.  
     *bicolor* ‡ Horn 70-325  
     07. *bicolor* (Lec.) 51-143 Cal. So. Cal.  
     08. *rufipes* Champ. 85-94 Mex. Tex.  
     *nitida* Csy. 90-406  
     09. *atripes* Champ. 85-95 Ariz. Mex.

**Cerenopus** Lec. 51-143

11910. *concolor* Lec. 51-143 Cal. So. Cal.  
     11. *angustatus* Horn 94-426 L. Cal.  
     12. *aterrimus* Horn 94-425 L. Cal.

**Cerenopus** Lec.

11913. *cribratus* Lec. 61-337 L. Cal.  
     14. *costulatus* Horn 70-326 L. Cal. So. Cal.

**Eulabis** Esch. 29-14

- (*Apsena* Lec. 62-228)  
 11915. *bicarinata* Esch. 29-15 Cal.  
     16. *pubescens* (Lec.) 51-144 Cal. So. Cal.  
     17. *grossa* (Lec.) 66-118 Cal. So. Cal.  
     18. *laticornis* Csy. 91-60 So. Cal.  
     19. *crassicornis* Csy. 90-404 So. Cal.  
     20. *rufipes* Esch. 29-15 Cal. So. Cal.  
     (*Epantius* Lec. 51-144),  
     21. *obscura* (Lec.) 51-144 Cal. So. Cal.

## BLAPTINI

**Blaps** Fab. 75-254

11922. *mucronata* Latr. 04-278 \*Eur. Md.  
     23. *lethifera* Marsh. 02-479 \*Eur. Va. N. J.

**Blaps** Fab.

- similis* Latr. 04-279  
*mortisaga* ‡ auct. nec L. 58-418



## ELEODINI

Blaisdell 09, 10<sup>1</sup>**Eleodes** Esch. 29-8

- (*Melaneodes* Blais. 09-33)
11924. *debilis* Lec. 58-185 N.Mex. Ariz. Tex.
25. *carbonaria* (Say) 23-260 Colo. N.Mex. [Ariz. Tex.]  
*immunis* Lec. 58-186  
*f. glabra* Blais. 09-47  
*f. typica* Blais. 09-47  
*f. interstitialis* Blais. 09-47  
 a. *soror* Lec. 58-185 Tex.
26. *nitida* Csy. 91-58 Ariz.  
*dolosa* Blais. 09-40
- a. *ampla* Blais. 09-40 Ariz. N.Mex.
27. *obsoleta* (Say) 23-261 Kan. N.Mex. Ariz.  
*f. glabra* Blais. 09-60  
*f. typica* Blais. 09-60  
*f. punctata* Blais. 09-60 N.Mex. Colo.  
*f. annectans* Blais. 09-60 Colo.
- a. *porcata* Csy. 90-396 Ariz. N.Mex.
28. *knausi* Blais. 09-40 N.Mex.
29. *omissa* Lec. 58-186 Cal.  
*interrupta* Blais. 92-241 Cal. So. Cal.  
*f. typica* Blais. 09-73 Cal.  
*f. catalinæ* Blais. 09-73 Cal.  
*f. communis* Blais. 09-73 Cal.  
*f. emarginata* Blais. 09-74 Cal.
- a. *pygmæa* Blais. 09-40 So. Cal.  
*f. typica* Blais. 09-79  
*f. borealis* Blais. 09-79
- b. *peninsularis* Blais. 09-40 L. Cal.
30. *quadricollis* Esch. 29-12 Cal. So. Cal.  
*f. typica* Blais. 09-87  
*f. tarsalis* Csy. 90-399 Cal.
- a. *anthracina* Blais. 09-87 Ariz.
- b. *lustrans* Blais. 09-89 Ariz.
- 30½. *cuneaticollis* Csy. 90-397 Cal.
31. *humeralis* Lec. 57-50 Id. Wash. Or.  
*latiuscula* Walk. 66-329 Vanc. [N. Cal.]  
*f. typica* Blais. 09-97 Nev. Utah  
*f. granulato-muricata* Blais. 09-97  
*f. tuberculo-muricata* Blais. 09-97
32. *rileyi* Csy. 92-57 Ariz. [Colo.]
33. *tricostata* (Say) 23-262 Mex.-Br. Am.  
*planata* Sol. 48-366  
*alternata* Kby. 37-232  
*f. typica* Blais. 09-106  
*f. ovalis* Blais. 09-106  
*f. costata* Blais. 09-106  
*f. robusta* Lec. 58-183
34. *pedinoides* Lec. 58-183 Tex.  
*f. typica* Blais. 09-109  
*f. asprata* Lec. 58-183
- a. *neomexicana* Blais. 09-41 N. Mex.
- (*Litheleodes* Blais. 09-34)
35. *arcuata* Csy. 84-47 Ariz.
36. *extricata* (Say) 23-261 Tex.-Br. Am.  
*f. typica* Blais. 09-122  
*f. convexicollis* Blais. 09-123 Wy. Mont.

**Eleodes** Esch.

- f. cognata* Hald. 52-376 Ariz. Utah
- f. cognata-punctata* Blais. 09-123 Colo. N. Mex.
- f. elongata* Blais. 09-123 Ariz.
- a. *arizonensis* Blais. 09-116 Ariz.
11937. *granulata* Lec. 57-50 Or. Cal.  
*?subaspera* Sol. 48-237  
*subtuberculata* Walk. 66-328  
*f. typica* Blais. 09-131  
*f. obtusa* Lec. 61-352 Cal.  
*f. aspera* Lec. 66-115 N. Mex.?
38. *papillosa* Blais. 17-226 No. Cal.  
*f. tuberculata* Blais. 09-131 No. Cal.
39. *vandykei* Blais. 09-116 Cal.  
*f. typica* Blais. 09-137 Cal.  
*f. parvula* Blais. 09-137 Or.
40. *letcheri* Blais. 09-116 Nev.
- (*Tricheleodes* Blais. 09-34)
41. *hirsuta* Lec. 61-352 So. Cal. Nev.
42. *pilosa* Horn 70-304 So. Cal. Nev. [Or.]  
*f. typica* Blais. 09-143  
*f. ordinata* Blais. 09-143
43. *barbata* Wickh. 18-256 N. Mex.
- (*Pseudeleodes* Blais. 09-34)
44. *granosa* Lec. 66-116 Cal. Nev.  
*f. typica* Blais. 09-150  
*f. fortis* Blais. 09-150
- (*Promus* Lec. 62-226)
45. *insularis* Linell 01-181 L. Cal. Is.  
 a. *terricola* Blais. 10-61 L. Cal.  
*f. peninsularis* Blais. 09-79
46. *subnitens* Lec. 51-134 Ariz. So. Cal.  
*f. typica* Blais. 09-163  
*f. sinuata* Blais. 09-163
47. *goryi* Sol. 48-237 Mex. N. Mex.
48. *seriata* Lec. 58-185 Tex. [Tex.]
- 48½. *striolata* Lec. 58-185 Tex. Mex.
49. *fusiformis* Lec. 58-184 Neb. Kan. Tex.
- 49½. *opaca* (Say) 23-262 Tex. Neb. Kan. Colo.
- (*Heteropromus* Blais. 09-33)
50. *veterator* Horn 74-33 Tex.
- (*Eleodes* Esch. s.str.)
51. *obscura* (Say) 23-259 N. Mex.-Wash.  
 a. *dispersa* Lec. 58-182 Ariz.-Colo.  
*f. deleta* Lec. 58-182 N. Mex.
- b. *sulcipennis* Mann. 43-266 Or. N. Cal. Id.  
*conjuncta* Walk. 66-329 Vanc.  
*convexicollis* Walk. 66-328 Vanc.  
*f. arata* Lec. 58-182
52. *acuta* (Say) 23-258 Kan.-Tex.
53. *suturalis* (Say) 23-257 Tex.-Dak.  
 a. *texana* Lec. 58-182 Kan. Tex. Colo.
54. *grandicollis* Mann. 43-266 Cal. So. Cal.  
*f. typica* Blais. 09-208  
*f. valida* Boh. 59-90 So. Cal. Ariz.
55. *sponsa* Lec. 58-184 Tex.-Vanc.  
*binotata* Walk. 66-329 Vanc.

<sup>1</sup> The letter f. preceding a name in *Eleodes* means "forma" a term used by Blaisdell to cover "minor degrees of divergencies exhibited by individuals that are presumably the progeny of parents specifically or racially identical." That author has, however, later elevated several such names to higher rank, the original presumption in such cases having been apparently erroneous. Though unnumbered, these names must not be construed as synonyms. Changes in 11926, 11930, 11948, 11949 and 11985 have been made by Dr. Blaisdell during proof reading.

**Eleodes** Esch.

- f. *typica* Blais. 09-215  
 f. *convexa* Blais. 09-215  
 11956. *hispidalbris* (Say) 23-259 Colo.-Mex.  
*lecontei* Gemm. 70-122  
*sulcata* Lec. 52-67  
 f. *typica* Blais. 09-220  
 f. *nupta* Lec. 58-183 Tex.  
 a. *sculptilis* Blais. 09-220 Ariz.  
 f. *convexa* Lec. 57-49 Tex.  
 b. *imitabilis* Blais. 18-167 Ut.Or.Wash.  
 f. *lævis* Blais. 09-220 Utah, Wash.  
 f. *elongata* Blais. 09-220 Ariz.  
 c. *composita* Csy. 91-58 Tex.  
 d. *attenuata* Blais. 18-168 Ariz.  
 57. *caudifera* Lec. 58-184 Colo.Ariz.Tex.  
 f. *glabra* Blais. 09-228 Tex. Ariz.  
 f. *sublævis* Blais. 09-228 Ariz.  
 f. *typica* Blais. 09-228  
 f. *scabra* Blais. 09-228 N.Mex.  
 58. *longipilosa* Horn 91-42 Nev. Cal.  
 59. *gracilis* Lec. 58-184 So.Cal.N.Mex.  
 a. *distans* Blais. 09-235 [Ariz.]  
 60. *subpinguis* Blais. 09-234 Tex.  
 61. *dentipes* Esch. 29-10 Cal.  
 a. *pertenuis* Blais. 09-253  
 b. *elongata* Blais. 09-254  
 f. *lævis* Blais. 09-254  
 c. *perpunctata* Blais. 18-386 Cal.  
 f. *punctata* Blais. 09-254  
 d. *prominens* Csy. 90-401 Cal.  
 e. *confinis* Blais. 95-237  
 f. *robusta* Blais. 09-255  
 f. *elegans* Csy. 90-401 No.Cal.  
 62. *armata* Lec. 51-134 Colo.Ariz.Cal.  
 f. *typica* Blais. 09-262 [So.Cal.]  
 f. *sinuata* Blais. 09-262  
 a. *impotens* Blais. 95-236  
 b. *subcylindrica* Csy. 90-400 Ariz.  
 f. *typica* Blais. 09-262  
 f. *subdentata* Blais. 09-26  
 63. *femorata* Lec. 51-134 Cal. So.Cal.  
 f. *typica* Blais. 09-270  
 f. *subdentata* Blais. 09-270  
 a. *militaris* Horn 70-303 L.Cal. Ariz.  
 64. *acuticauda* Lec. 51-135 Cal. So.Cal.  
 f. *typica* Blais. 09-278  
 f. *punctata* Blais. 09-278  
 a. *laticollis* Lec. 51-135  
 f. *muricata* major Blais. 09-283  
 f. *muricata* minor Blais. 09-283  
 f. *insularis* Blais. 09-284 St. Nich. Is.  
 65. *eschscholtzi* Sol. 48-238 Mex. Tex.  
 a. *lucae* Lec. 66-114 L.Cal.  
 f. *typica* Blais. 09-291 L.Cal.  
 f. *ccaudata* Blais. 09-291 L.Cal.  
 f. *inflata* Blais. 09-291 L.Cal.  
 f. *grandis* Blais. 09-291 L.Cal.  
 66. *tenuipes* Csy. 90-399 Tex.  
 67. *wickhami* Horn 91-41 Ariz.  
 68. *ventricosa* Lec. 58-186 Tex. Mex.  
 a. *falli* Blais. 09-235  
 (*Blapyllis* Horn 70-301)  
 69. *tibialis* Blais. 09-311 L.Cal.  
 f. *typica* Blais. 09-315 L.Cal.  
 f. *oblonga* Blais. 09-315 L.Cal.  
 70. *snowi* Blais. 09-311 Colo.Ariz.  
 f. *typica* Blais. 09-321  
 f. *sinuata* Blais. 09-321  
 f. *robusta* Blais. 09-32

**Eleodes** Esch.

11971. *lecontei* Horn 70-304 Colo.  
*subaspera* || Lec. 66-115  
 72. *tenebrosa* Horn 70-304 So.Cal. Nev.  
 a. *nana* Blais. 09-311 So.Cal. Nev.  
 73. *inculta* Lec. 61-352 Cal.  
 a. *affinis* Blais. 18-384 Cal. Is.  
 74. *consobrina* Lec. 51-135 Cal. So.Cal.  
*veseyi* Lec. 58-187  
 75. *scabripennis* Lec. 59-77 Cal. So.Cal.  
 76. *blanchardi* Blais. 09-312 Cal.  
 77. *fuchsi* Blais. 09-312 Cal.  
 78. *neotomæ* Blais. 09-312 Cal.  
 79. *horni* Blais. 09-312 Cal.  
 a. *monticola* Blais. 18-385 Cal.  
 80. *parvicollis* Esch. 29-11 Cal. So.Cal.  
 f. *typica* Blais. 09-356  
 f. *farallonica* Blais. 09-356  
 a. *planata* Esch. 29-12 Cal.  
 b. *producta* Mann. 43-271 Cal.  
 c. *trita* Blais. 17-225 Or. No.Cal.  
 d. *squalida* Blais. 18-380 Cal.  
 e. *constricta* Lec. 58-187 Cal.  
 81. *hoppingi* Blais. 09-312 Cal.  
 82. *clavicornis* Esch. 29-11 Cal.  
*impressicollis* Boh. 58-90  
 83. *scabrosa* Esch. 29-11 Cal.  
 84. *cordata* Esch. 29-11 Cal.  
*tuberculata* Esch. 29-12  
*intricata* Mann. 43-273  
*stricta* Lec. 57-50  
 84. f. *sublævis* Blais. 09-381 Cal.  
 f. *typica* Blais. 09-381 Cal.  
 a. *adulterina* Blais. 17-244 No.Cal.  
 f. *intermedia* || Blais. 09-381 No.Cal.  
 f. *elongata* Blais. 09-381 So.Cal.  
 f. *oblonga* Blais. 09-381 Cal.  
 b. *horrida* Blais. 18-383 Cal.  
 c. *rotundipennis* Lec. 57-50 Or. Wash.  
 d. *hybrida* Blais. 17-225 No.Cal.  
 85. *pimelioides* Mann. 43-274 Wash. Nev.  
*subligata* Lec. 57-50 [Mont.]  
*viator* Lec. 58-188  
 a. *brunnipes* Csy. 90-402 Id. Wy.  
 b. *brevisetosa* Blais. 18-162 Cal.  
 c. *patruelis* Blais. 18-382 Ut.  
 86. *nunenmacheri* Blais. 18-163 Or. Cal.  
 a. *verrucula* Blais. 18-164 Or. Cal.  
 87. *propinqua* Blais. 18-165 Cal.  
 88. *manni* Blais. 17-221 Wash.  
 a. *variolosa* Blais. 17-223 Wash.  
 89. *caseyi* Blais. 09-313 Nev. Cal.  
 (*Metablapyllis* Blais. 09-34)  
 90. *nigrina* Lec. 58-186 Or. Colo.Ariz.  
 a. *perlonga* Blais. 09-393 Wy.  
 91. *dissimilis* Blais. 09-393 Ariz.  
 a. *nevadensis* Blais. 09-393 Nev. Ariz.  
 92. *schwarzi* Blais. 09-393 Wash.  
 (*Steneleodes* Blais. 09-33)  
 93. *gigantea* Mann. 43-267 No.Cal.  
 a. *gentilis* Lec. 58-187 Cal. So.Cal.  
 b. *estriata* Csy. 90-398  
 c. *meridionalis* Blais. 18-387 So.Cal.L.Cal.  
 94. *longicollis* Lec. 51-134 Ariz.N.Mex.  
*haydeni* Lec. 58-186 [Tex.]  
 95. *innocens* Lec. 66-114 L.Cal.  
 (*Discogenia* Lec. 66-117)  
 96. *marginata* Esch. 29-10 Cal. So.Cal.  
*fischeri* Mann. 43-137



**Eleodes Esch.**

11997. scabricula Lec. 58-187 Cal.  
f. typica Blais. 09-444  
f. deplanata Blais. 09-444  
98. planipennis Lec. 66-116 N.Mex. Ariz.  
Colo.
- 
- reflexicollis Mann. 43-270 Cal.  
— vicina Lec. 51-133 Cal.

**Trogloderus** Lcc. 79-2

11999. *costatus* Lec. 79-3 Nev. Id.Ariz.  
12000. *tuberculatus* Blais. 09-486 Cal. So.Cal.

**Eleodimorpha** Blais. 09-477

12001. bolcan Blais. 09-479 So. Cal.

### Embaphion Say 23-254

- |                              |                 |
|------------------------------|-----------------|
| 12002. depressum Lec. 51-136 | Cal. So. Cal.   |
| 03. elongatum Horn 70-321    | Nev. Cal.       |
| 04. glabrum Blais. 09-453    | Ariz. N. Mex.   |
| 05. contractum Blais. 09-453 | N. Mex.         |
| 06. planum Horn 70-321       | Kan. Colo.      |
| 07. contusum Lec. 58-20      | Wy. Colo. Ariz. |
| f. typica Blais. 09-471      |                 |
| f. grandis Blais. 09-471     |                 |
| a. laminatum Csy. 90-403     | Tex.            |
| 08. muricatum Say 23-251     | Tex. Colo. Kan. |
| concavum Lec. 53-446         | Neb. S. Dak.    |

CONIONTINÆ

## BRANCHINI

## Branchus Lec. 63-222

12009. floridanus Lec. 66-111 Fla.

## Branchus Lec.

12010. opatroides Champ. 92-507 Mex. Tex.

## CONIONTINI

## Nesostes Csy. 08-58

- |                               |              |
|-------------------------------|--------------|
| 12011. robustus (Lec.) 66-112 | So. Cal. Is. |
| a. postremus Csy. 08-59       | So. Cal. Is. |

## Discodemus Lec. 66-223

- |                                 |        |        |
|---------------------------------|--------|--------|
| 12012. <i>reticulatus</i> (Say) | 23-250 | N.Mex. |
| 13. <i>corrosus</i> Csy.        | 08-61  | Tex.   |
| 14. <i>brevipennis</i> Csy.     | 08-61  | Ariz.  |
| 15. <i>elongatulus</i> Csy.     | 08-61  | Ariz.  |
| 16. <i>depressulus</i> Csy.     | 08-62  | Ariz.  |
| 17. <i>subsericeus</i> Csy.     | 08-62  | Ariz.  |
| 18. <i>knausi</i> Csy.          | 08-62  | Colo.  |

**Megasattus** Csy. 08-62

12019. *erosus* (Horn) 70-294 L.Cal.  
20. *costatus* (Horn) 70-293 L.Cal.

**Eusattodes Csy. 08-64**

12021. lævis (Lec.) 66-113 L.Cal.So.Cal.

**Eusattus** Lec. 51-131

(*Conipinus* Lec. 63-223)

- |        |                          |                |
|--------|--------------------------|----------------|
| 12022. | secutus Horn 94-421      | L.Cal.         |
| 23.    | nanus Csy. 95-613        | Cal.           |
| 24.    | dubius Lec. 51-132       | Ariz. So.Cal.  |
| 25.    | oblongulus Csy. 08-67    | Cal.           |
| 26.    | productus Lec. 58-20     | Ariz. So.Cal.  |
| 27.    | explanatus Csy. 08-68    | So.Cal.        |
| 28.    | vicinus Csy. 08-68       | Ariz.          |
| 29.    | lobatus Csy. 08-68       | Ariz.          |
| 30.    | politus Horn 82-304      | So.Cal.        |
| 31.    | coquilleti Linell 99-180 | So.Cal.        |
| 32.    | difficilis Lec. 51-132   | So.Cal.        |
| 33.    | agnatus Csy. 08-70       | So.Cal.        |
| 34.    | compositus Csy. 08-71    | Or.            |
| 35.    | congener Csy. 08-71      | N.Mex.         |
| 36.    | acutangulus Csy. 08-72   | Colo.          |
| 37.    | convexus Lec. 51-132     | So.Cal.Colo.   |
| 38.    | rotundus Csy. 08-72      | Colo. [N.Mex.] |
| 39.    | subnitens Csy. 08-73     | Ariz.          |
| 40.    | turgidus Csy. 08-73      | Kan.           |
| 41.    | peropacus Csy. 08-74     | Kan.           |
| 42.    | acutus Csy. 08-74        | Kan.           |
|        | ?sculptus Champ. 92-510  | Mex.           |

## Sphærontis Csy. 08-75

- |        |                               |                  |
|--------|-------------------------------|------------------|
| 12043. | <i>muricata</i> (Lec.) 51-132 | Or. So. Cal.     |
| 44.    | <i>dilatata</i> (Lec.) 51-132 | So. Cal. [Ariz.] |
| 45.    | <i>acomana</i> Csy. 08-76     | N. Mex.          |
| 46.    | <i>ciliata</i> (Horn) 94-422  | L. Cal.          |
| 47.    | <i>puberula</i> (Lec.) 54-84  | Tex.             |

## Coniontides Csv. 08-78

- |                                   |              |
|-----------------------------------|--------------|
| 12048. <i>latus</i> (Lec.) 66-113 | So. Cal. Is. |
| 49. <i>finitinus</i> Csy. 08-79   | ?            |
| 50. <i>insularis</i> Csy. 90-377  | So. Cal. Is. |
| 51. <i>clementinus</i> Csy. 08-80 | So. Cal. Is. |

### Coniontis Esch. 29-7

(*Coniontis* s. str.)

## L

- |                               |              |
|-------------------------------|--------------|
| 12052. abdominalis Lec. 59-77 | Cal. So.Cal. |
| 53. tristis Csy. 08-84        | So.Cal.      |
| 54. strenua Csy. 08-84        | So.Cal.      |
| 55. gravis Csy. 08-85         | Cal.         |
| 56. rugosa Csy. 08-85         | ?            |
| 57. tenebrosa Csy. 08-86      | So.Cal.      |
| 58. integer Csy. 08-87        | So.Cal.      |
| 59. levettei Csy. 08-87       | ?            |
| a. picescens Csy. 08-87       | ?            |
| b. pectoralis Csy. 08-86      | ?            |
| 60. elliptica Csy. 84-46      | So.Cal.      |
| a. catalinæ Csy. 08-88        | So.Cal. Is.  |
| 61. lævigata Csy. 08-88       | Cal.         |
| 62. luctuosa Csy. 08-89       | So.Cal.      |
| 63. costulata Csy. 08-89      | So.Cal.      |
| 64. robusta Horn 70-296       | So.Cal.      |
| 65. sanfordi Blais. 95-235    | Cal.         |
| 66. verna Csy. 08-94          | Cal.         |

## II.

- |                                      |               |
|--------------------------------------|---------------|
| 67. <i>histrion</i> Csy. 08-91       | Ariz.         |
| 68. <i>ancilla</i> Csy. 08-91        | So. Cal.      |
| 69. <i>oblonga</i> Csy. 08-92        | Cal.          |
| 70. <i>obsolescens</i> Csy. 08-92    | Cal.          |
| 71. <i>pallidicornis</i> Csy. 90-385 | So. Cal.      |
| 72. <i>degener</i> Csy. 08-93        | So. Cal.?     |
| 73. <i>opaca</i> Horn 70-296         | So. Cal. Nev. |
| 74. <i>lassenica</i> Csy. 08-95      | Cal.          |
| 75. <i>nevadensis</i> Csy. 08-95     | Nev.          |
| <i>a. carsonica</i> Csy. 08-95       | Nev.          |



**Coniontis** Esch.

12076. punctipes Csy. 90-380 So. Cal.

## III.

77. rotundicollis Csy. 08-97 Cal.  
 78. blaisdelli Csy. 08-98 Cal.  
 79. innocua Csy. 08-99 Cal.  
 80. elongata Csy. 90-380 Cal.  
   a. limatula Csy. 08-99 Cal.  
 81. obsidiana Csy. 08-100 Cal.  
 82. cylindrica Csy. 08-100 Cal.  
 83. genitiva Csy. 90-385 Cal.  
 84. opacicollis Csy. 08-101 ?  
 85. longicollis Csy. 08-101 ?  
 86. timida Csy. 08-102 Cal.  
 87. conicicollis Csy. 08-102 Cal.  
 88. viatica Esch. 29-7 Cal.  
 89. lucidula Csy. 08-103 Cal.  
 90. protensa Csy. 08-104 Cal.  
 91. thoracica Csy. 08-104 Cal.  
 92. proba Csy. 08-105 Or.  
 93. puncticollis Lec. 51-131 Cal.  
 94. exigua Csy. 08-106 Cal.  
   inflexula Csy. 08-107 Cal.  
 95. paupercula Csy. 08-106 Cal.  
 96. hoppingi Blais. 18-7 Cal.  
 97. microsticta Csy. 08-107 Cal.  
 98. picipes Csy. 08-107 Cal.  
 99. inconspicua Csy. 08-108 Cal.

## IV.

12100. atronitens Csy. 08-110 No. Cal.  
 01. sparsa Csy. 08-110 Cal.  
 02. cuneata Csy. 08-111 So. Cal.

## V.

03. montana Csy. 90-384 Cal. Or.  
   a. canonica Csy. 08-114 Cal. Or.  
   b. perspicua Csy. 08-114 Cal.  
 04. subpubescens Lec. 51-131 Cal. So. Cal.  
 05. parallela Csy. 90-386 Cal.  
 06. parviceps Csy. 90-387 So. Cal.  
 07. filiola Csy. 08-115 So. Cal.

## VI.

08. setosa Csy. 90-387 Idaho  
 09. obtusa Csy. 08-116 Utah  
 10. lanuginosa Csy. 08-117 Nev.  
 11. wickhami Csy. 08-117 Utah  
 12. pubifera Csy. 08-118 Wash.

## VII.

13. expansa Csy. 08-120 Cal.  
 14. franciscana Csy. 08-120 Cal.  
 15. truncata Csy. 08-120 Cal.  
 16. suturalis Csy. 08-121 ?  
 17. audax Csy. 08-121 ?  
 18. convergens Csy. 08-122 ?  
 19. symmetrica Csy. 08-122 Cal.  
 20. anxia Csy. 08-123 ?  
 21. affinis Lec. 51-130 Cal.  
   a. patruelis Csy. 08-123 Cal.  
 22. oregona Csy. 08-124 Or.  
 23. extricata Csy. 08-124 Cal.

**Coniontis** Esch.

12124. marginata Csy. 08-125 Cal.  
 25. nemoralis Esch. 29-8 Cal.  
 26. parva Csy. 08-126 Cal.  
 27. minuta Csy. 08-126 Cal.  
 28. perpolita Csy. 08-127 Cal.  
 29. pudica Csy. 08-127 Cal.  
 30. callida Csy. 08-128 No. Cal.?  
 31. shastanica Csy. 08-128 No. Cal.  
 32. conferta Csy. 08-129 No. Cal.  
 33. eschscholtzi Mann. 40-138 Cal.  
   inæqualis Csy. 90-375  
 34. pagana Csy. 08-130 Cal.  
 35. inornata Csy. 08-130 Cal.  
 36. congesta Csy. 08-131 Cal.  
 37. agrestis Csy. 08-131 Cal.  
 38. farallonica Csy. 95-610 So. Cal. Is.

## VIII.

39. breviuscula Csy. 08-133 Wash.?  
 40. sculptipennis Csy. 08-134 Wash.  
 41. regularis Csy. 08-134 Wash.  
 42. punctata Csy. 08-135 Wash.?  
 43. parilis Csy. 08-135 Vanc.  
 44. vancouveri Csy. 08-136 Vanc.  
 45. uteana Csy. 08-136 Utah  
 46. inepta Csy. 08-137 Colo.  
 47. oblita Csy. 08-137 No. Idaho?  
 48. arida Csy. 08-138 S.W. Utah  
 49. weidti Csy. 08-138 S.W. Utah  
 50. acerba Csy. 08-139 Mont.  
 51. anita Csy. 08-139 Colo.  
 52. alutacea Csy. 90-383 Nev.  
 53. corvina Csy. 08-140 Colo.  
 54. ovalis Lec. 51-131 Or. Wash.  
   Vanc. Mont.

(Crypticomorpha Csy. 08-140)

55. tenuis Csy. 08-141 Cal.

(Brachyontis Csy. 08-141)

56. globulina Csy. 95-610 Cal. So. Cal.  
   a. muscula Blais. 18-9 Cal.

**Coniontellus** Csy. 90-388

12157. hystrix Csy. 08-142 Nev.  
 58. longipennis Csy. 08-143 Nev.  
 59. inflatus Csy. 90-389 Nev.  
 60. ampliatus Csy. 08-144 Nev.  
 61. obesus (Lec.) 51-131 Colo.  
   a. subglaber Csy. 90-389 Mont.  
 62. argutus Csy. 08-145 Cal.  
 63. micans Csy. 08-145 Colo.

**Conisattus** Csy. 95-614

12164. rectus Csy. 95-614 Or.

**Cœlotaxis** Horn 76-200

12165. punctulata Horn 76-201 Guadalupe  
 66. muricata Horn 76-201 Is. So. Cal.  
 67. densa Csy. 08-149 Is. So. Cal.  
 68. angustula Csy. 90-177 Is. So. Cal.  
 69. frontalis Csy. 08-149 Is. So. Cal.

## CÆLINI

**Cœlus** Esch. 29-5

12170. globosus Lec. 51-133 So. Cal.  
 71. grossus Csy. 90-178 Cal. So. Cal.  
 72. solidus Csy. 08-153 So. Cal.  
 73. saginatus Csy. 08-154 So. Cal.  
 74. ciliatus Esch. 29-5 Cal.  
   a. longulus Csy. 08-154 Cal.

**Cœlus** Esch.

12175. debilis Csy. 08-155 Cal.  
 76. curtulus Csy. 95-612 Cal.  
 77. arenarius Csy. 89-179 So. Cal.  
 78. sternalis Csy. 08-156 So. Cal.  
 79. obscurus Csy. 08-156 So. Cal.  
 80. scolopax Csy. 08-157 So. Cal.

**Cœlus** Esch.

12181. *amplicollis* Csy. 08-157 So. Cal.  
 82. *latus* Csy. 95-612 So. Cal.  
 (*Pseudocœlus* Csy. 08-152)  
 83. *pacificus* Fall 97-241 So. Cal. Is.

**Cœlus** Esch.

12184. *remotus* Fall 97-241 So. Cal. Is.  
**Cœlomorpha** Csy. 90-182  
 12185. *maritima* Csy. 90-183 L. Cal. So. Cal.  
 86. *pallens* Csy. 08-160 L. Cal.

**PEDININÆ**

## BLAPSTINI (pars) Casy 95-615

**Opatrinus** Latr. 29-19

12187. *aciculatus* Lec. 58-75 Tex. Fla.  
 88. *minimus* (Beauv.) 05-164 E.U.S. Ind.  
     *notus* (Say) 27-237 Fla. [Conn.  
 89. *sayi* Horn 70-349 Kan.

**Ulus** Horn 70-358

12190. *obliquus* (Lec.) 66-117 L. Cal.  
 91. *fimbriatus* Csy. 90-413 Tex.  
 92. *maritimus* Csy. 90-414 Tex. Fla.  
 93. *elongatulus* Csy. 90-414 Tex. Ariz.  
 94. *latus* Blais. 92-243 So. Cal.  
 95. *crassus* (Lec.) 51-146 So. Cal. Ariz.

**Cybotus** Csy. 90-409

12196. *estriatus* (Lec.) 78-420 Fla.

**Mecysmus** Horn 70-349

12197. *laticollis* Csy. 90-463 Tex.  
 98. *angustus* (Lec.) 51-147 So. Cal. Ariz.  
 99. *tenuis* Csy. 90-465 So. Cal.  
 12200. *parvulus* Csy. 90-466 N. Mex.  
 01. *advena* Csy. 90-466 Tex.

**Aconobius** Csy. 95-617

12202. *laciniatus* (Csy.) 92-64 Ariz.  
 03. *densus* Csy. 14-377 N. Mex.  
 04. *nigripes* Csy. 14-378 Tex.

**Blapstinus** Latr. 29-21

12205. *alutaceus* Csy. 90-423 Fla. Tex.  
     *opacus* || Lec. 78-420  
 06. *dispar* Csy. 90-424 Fla.  
 07. *metallicus* (Fab.) 01-143 Can.-Fla. Ind.  
     a. *æneolus* Melsh. 46-66 Fla.  
 08. *interruptus* (Say) 23-264 Fla. N.Y.  
     *luridus* Muls. & Rey 59-193 Minn. Colo.  
     [Conn. Ind.  
 09. *pratensis* Lec. 59-15 Kan. Colo.-  
 10. *fuscus* Csy. 90-427 Tex. [Tex.  
 11. *longulus* Lec. 51-147 So. Cal. Ariz.  
 12. *validus* Csy. 90-429 So. Cal.  
 13. *fortis* Lec. 78-420 Fla. Tex. Mex.  
     *interstitialis* Champ. 85-125 [Cuba  
     *punctulatus* || Jacq. Duv. 57-141  
 14. *dilatatus* Lec. 51-146 So. Cal. Ariz.  
     *?pullus* (Say) 23-264  
 15. *sonoræ* Csy. 90-431 Mex. (U.S.?)  
 16. *castaneus* Csy. 90-432 Tex. Ariz. Colo.  
 17. *histricus* Csy. 90-433 L. Cal. So. Cal.  
 18. *hospes* Csy. 90-455 Colo. Wy.  
 19. *oregonensis* Csy. 90-435 Or.  
 20. *niger* Csy. 90-436 Ariz.  
 21. *cribricollis* Csy. 90-437 Ariz.  
 22. *fuliginosus* Csy. 90-438 Cal.  
 23. *rufipes* Csy. 90-439 So. Cal. Ariz.  
 24. *coronadensis* Blais. 92-242 So. Cal.  
 25. *crassicornis* Csy. 90-440 Nev.  
 26. *elongatus* Csy. 90-441 Cal.

**Blapstinus** Latr.

12227. *mœstus* Melsh. 46-65 N.H. R.I. Va.  
 28. *pinorum* Csy. 14-377 N.C. [Ind.  
 29. *gregalis* Csy. 90-442 Colo.-Wash.  
 30. *substriatus* Champ. 85-128 Mex.-Mont.  
 31. *lepidus* Csy. 90-444 Tex.  
 32. *æqualis* Csy. 90-445 So. Cal.  
 33. *funebrius* Csy. 90-446 So. Cal.  
 34. *pulverulentus* Mann. 43-276 Cal.  
     *californicus* Mots. 45-77  
 35. *parallelus* Csy. 90-448 Cal.  
 36. *inquisitus* Csy. 90-449 Cal.  
 37. *auripilis* Horn 70-353 Ariz.  
 38. *intermixtus* Csy. 90-451 Ariz.  
 39. *brevicollis* Lec. 51-147 So. Cal. Wash.  
 40. *brunneus* Csy. 90-453 Tex.  
 41. *hesperius* Csy. 90-454 Or.  
 42. *vestitus* Lec. 59-15 Kan. Colo.  
 43. *pimalis* Csy. 85-185 Ariz. Mex.  
     *umbrosus* Champ. 85-127  
 44. *arenarius* Csy. 90-457 Tex.  
 45. *debilis* Csy. 90-458 Tex. Fla.  
 46. *humilis* Csy. 90-459 Fla.  
 47. *aciculus* Blatch. 17-275 Fla.  
 48. *pubescens* Lec. 51-147 So. Cal.  
     *lecontei* Muls. & Rey 59-192  
 49. *sulcatus* Lec. 51-147 So. Cal. Tex.  
 50. *hydropicus* Csy. 90-461 Ariz.  
 51. *discolor* Horn 70-354 Cal.

**Conibius** Lec. 51-145

12252. *parallelus* Lec. 51-146 So. Cal.  
 53. *seriatus* Lec. 51-146 No. & So. Cal.  
 54. *guadalupensis* Csy. 90-470 Guadalupe Is.  
 55. *uniformis* Csy. 90-471 Ariz.  
 56. *brunnipes* Champ. 85-183 Mex. (U.S.?)  
     (*Ooconibius* Csy. 95-618)  
 57. *opacus* (Lec.) 66-118 Cal.  
     *reflexus* (Horn) 94-429 L. Cal.  
     (*Euconibius* Csy. 95-618)  
 58. *gagates* Horn 70-357 Ariz.  
 \*  
 59. *rotundicollis* Linell 01-182 Tex.

**Notibius** Lec. 51-144

12260. *puberulus* Lec. 51-145 So. Cal.  
 a. *substriatus* Csy. 90-479 S.W. Utah-Cal.  
 b. *laticeps* Csy. 90-480 So. Cal.  
 61. *puncticollis* Lec. 51-145 So. & No. Cal.

**Nocibiotes** Csy. 95-618

12262. *granulatus* (Lec.) 51-145 So. Cal. Ariz.  
 63. *gracilis* Csy. 95-618 So. Cal.  
 64. *crassipes* (Csy.) 90-475 So. Cal.  
 65. *acutus* Csy. 95-620 Ariz.  
 66. *caudatus* Csy. 95-621 Ariz.

**Nocibiotes** Csy.12267. *rubripes* Csy. 95-621 Ariz.**Tonibius** Csy. 95-62212268. *sulcatus* (Lec.) 51-145 So. Cal.  
a. *alternatus* (Csy.) 90-473 Cal.**Tonibiastes** Csy. 95-61712269. *costipennis* (Horn) 94-430 L. Cal.**Conibiosoma** Csy. 90-47612270. *elongatum* (Horn) 70-351 So. Cal.**OPATRINÆ**

## LEICHENINI

**Alaudes** Horn 70-36112271. *singularis* Horn 70-362 So. Cal.**Anemia** Cast. 40-21812272. *californica* Horn 70-378 So. Cal.**Cnemeplatia** Costa 47-14612273. *sericea* Horn 70-360 So. Cal. Ariz.**Trichoton** Hope 40-11112274. *sordidum* (Lec.) 51-146 So. Cal. Ariz.**Ammodonus** Muls. & Rey 59-14312275. *fossor* (Lec.) 47-92 N.Y.S.I. N.J.  
76. *granosus* Fall 12-47 Ariz.**Leichenium** Blanch. 45-1412277. *variegatum* Küst. 49-66 †Ala.  
Madagascar

## OPATRUMINI

**Gonocephalum** Chev. 49-27412278. *latifrons* (Lec.) 74-70 †Vanc.**Ephalus** Lec. 62-22912279. *latimanus* (Lec.) 54-219 Atl. St.**Cyclosattus** Csy. 92-71012280. *websteri* Csy. 91-56 Colo.**TRACHYSCELINÆ****Trachyscelis** Latr. 09-37912281. *flavipes* Melsh. 46-61 Gulf St.**PHALERIINÆ****Phaleria** Latr. 02-162( *Halophalerus* Cr. 73-107)12282. *rotundata* Lec. 51-148 Cal. So. Cal.83. *limbata* Horn 70-375 Cal. So. Cal.84. *pilifera* Lec. 66-125 L. Cal.85. *punctipes* Lec. 78-421 Fla.86. *testacea* Say 24-280 E.U.S. Conn.87. *longula* Lec. 66-125 Miss. Fla.**Phaleria** Latr.12288. *picipes* Say 24-280 U.S. Fla.89. *debilis* Lec. 66-125 Cal.90. *gracilipes* Csy. 90-484 Tex.91. *globosa* Lec. 57-51 Cal.92. *humeralis* Cast. 40-129 Cal.93. *picta* Mann. 43-277 Alas.**CRYPTICINÆ****Crypticus** Latr. 17-298( *Pedinus* Latr. 96-20)**Crypticus** Latr.12294. *obsoletus* (Say) 23-265 Atl. St. Fla.**BOLITOPHAGINÆ****Bolitotherus** Cand. 61-367( *Phellidius* Lec. 66-236)12295. *cornutus* (Panz.) 94-5 Fla. Ind.*bifurcus* (Fab.) 98-40 Conn.**Eleates** Csy. 86-25312297. *depressus* (Rand.) 38-21 Me.98. *explanatus* Csy. 90-486 Or. Cal.99. *occidentalis* Csy. 86-254 Cal.**Bolitophagus** Ill. 98-10012296. *corticola* Say 25-238 Conn. Ind.**Megeleates** Csy. 95-62312300. *sequoiarum* Csy. 95-624 Cal.**RHIPIDANDRINÆ**<sup>1</sup>

Barber

**Rhipidandrus** Lec. 62-236( *Heptaphylla* Fried. 83-375)12301. *flabellicornis* (Sturm) 26-59 Can. Fla. Tex.? *paradoxa* (Beauv.) 05-173**Cherostus** Waterh.12302. *peninsularis* (Horn) 94-392 L. Cal. Ariz.03. *fulvomaculata* (Dury) 14-168 †Tex.  
Fla.**Cherostus** Waterh. 94-68( *Eutomus* Lacord. 66-369 nec Hope)**Eledona** Latr. 96-1912304. *agaricola* (Hbst.) 83-35 Eur. & N. Am.?  
*fungicola* Horn 70-389<sup>1</sup> Corrections furnished by Mr. Barber who further suggests that the subfamily may be suppressed and included in Bolitophaginæ.

† Introduced.



## DIAPERINÆ

- Diaperis** Geoffr. 62-337  
 12305. *maculata* Oliv. 91-273 U.S. Mex.  
       *hydactina* Fab. 98-178 [Conn. Ind.  
       *hydni* Fab. 01-585 Fla.  
       *suturalis* Chev. 77-170  
       a. *floridana* Blatch. 12-332 Fla.  
 06. *rufipes* Horn 70-379 Ariz.
- Palembus** Csy. 91-65  
 12307. *ocularis* Csy. 91-65 Fla.
- Hoplocephala** Cast. & Brullé 31-338  
       (*Arrhenoplita* Kby. 37-235)  
       (*Evoplus* Lec. 66-128)  
       (*Neomida* Muls. 54-217)  
 12308. *viridipennis* (Fab.) 01-586 S.C.Fla. Ind.  
       09. *bicornis* (Fab.) 77-215 No. & C. Am.  
       *gracilis* Mots. 73-467 [Ind. Conn.  
       *metallica* (Beauv.) 05-139  
       *virescens* Cast. & Brll. 31-341  
       10. *ferruginea* Lec. 66-128 Fla.  
       *castanea* Mots. 73-467  
       — *chalybea* Cast. & Brll. 31-341 Pa.  
       — *collaris* Cast. & Brll. 31-347 Pa.
- Scaphidema** Redt. 49-591  
       (*Nelites* Lec. 50-232)  
 12311. *aeneolum* (Lec.) 50-232 L. Sup.  
       12. *pictum* Horn 74-36 Or.
- Uloporus** Csy. 89-184  
 12313. *ovalis* Csy. 89-185 Tex. Fla.
- Platydema** Cast. & Brullé 31-350  
       (*Neomida* Mots. 73-476)  
       (*Histeropsis* Chev. 78-221)  
       (*Typhobia* Pasc. 69-279)  
 12314. *excavatum* (Say) 23-267 No. & C. Am.  
       W.I. Conn.  
       *fraternum* Chev. 78-210 [Ind. Fla.  
       *tuberculatum* Cast. & Brll. 31-352  
       a. *parvulum* Csy. 84-50 L.I.  
 15. *cyanescens* Cast. & Brll. 31-356 Fla.  
 16. *erythrocerum* Cast. & Brll. 31-355 So. St. Fla.  
 17. *ruficolle* Cast. & Brll. 31-375 Ind.  
       *sanguinicolle* Melsh. 46-61  
 18. *ruficorne* Sturm 26-69 Conn. Fla. Ind.  
       *anale* Hald. 48-101  
       *opaculum* Csy. 84-51 Pa.  
       ? *pallens* Cast. & Brll. 31-377  
       *rufiventre* Cast. & Brll. 31-378  
       *rufum* Melsh. 46-61
- Platydema** Cast. & Brullé  
 12319. *flavipes* (Fab.) 01-567 Ind. Fla. N.J.  
       *basale* Hald. 48-101 [Mich.  
 20. *subquadratum* Mots. 73-477 No. & C. Am.  
       *janus* † Horn 70-382 Fla. [So. Cal.  
       *pernigrum* Csy. 84-49 Ariz.  
       *ventrale* Chev. 77-186  
 21. *ellipticum* (Fab.) 98-49 Conn. Fla. Ind.  
 22. *oregonense* Lec. 57-51 So. Cal. Or.  
       Ariz.  
 23. *americanum* Cast. & Brll. 31-358 Can. N.J.  
       Fla. Ind.  
 24. *laevipes* Hald. 48-101 Fla.  
 25. *crenatum* Lec. 78-422 Fla.  
 26. *micans* Horn 70-383 S.C. Fla. Ind.  
 27. *picilabrum* Melsh. 46-62 Ind. Fla.  
 28. *subcostatum* Cast. & Brll. 31-362 Ind. Fla. Conn.  
       *clypeatum* Hald. 48-102  
 29. *inquilinum* Linell 01-183 Ariz.  
       — *cyaneum* Cast. & Brll. 31-392  
       — *flavicorne* Mots. 73-429 La.  
       — *nigratum* Mots. 73-478 Cal.  
       — *nigratum* Mots. 73-470 La.  
       — *oblongulum* Mots. 73-470 Fla.  
       — *politum* Cast. & Brll. 31-361 Pa.  
       — *4-maculatum* Cast. & Brll. 31-383 Pa.
- Metaclisa** Jacq. Duv. 61-296  
       (*Amarantha* Faust 75-249)  
 12330. *marginalis* Horn 70-369 Cal. So. Cal.
- Liodema** Horn 70-385  
 12331. *laeve* (Hald.) 48-101 No. & C. Am.
- Alphitophagus** Steph. 32-12  
       (*Phyletes* Redt. 45-128)  
       (*Phylethus* Redt. 49-589)  
 12332. *bifasciatus* (Say) 23-268 † Eur. & N. Am.  
       Ind. So. Cal.  
       *pictus* Men. 32-203 Atl.-Pac.  
       *populi* Redt. 49-589  
       *4-pustulatus* Steph. 32-12
- Pentaphyllus** Latr. 29-30  
 12333. *pallidus* Lec. 66-126 Can. Pa. Ind.  
       34. *californicus* Horn 70-387 Cal.  
       — *americanus* Mots. 93-482 Ga.
- Apsida** Lacord. 59-309  
       (*Hapsida* auct.)  
 12335. *purpureo-micans* Bates 73-16 Tex.

## ULOMINÆ

- Gnathocerus** Thunb. 14-47  
       (*Cerandria* Luc. 49-344)  
       (*Uloma* Steph. 32-10)  
 12336. *cornutus* (Fab.) 98-51 † Cosmop. Fla.  
       *cucullatus* Montr. 60-294 Alas. La.  
       *laeviusculus* (Steph.) 32-10 [So. Cal.  
       *maxillaris* (Beauv.) 05-125  
       *ruber* Thunb. 14-47  
       (*Echocerus* Horn 70-366)  
 37. *curvicornis* Champ. 92-533 Mex. Fla.
- Gnathocerus** Thunb.  
       *recurvatus* Chitt. 95-80 Fla.  
       (*Sicinus* Champ. 86-146)<sup>1</sup>  
 12337½. *guatemalensis* Champ. 86-147 Mex.  
       *dentiger* Chitt. 95-79 Pa. Ill. Fla. Tex.  
 38. *maxillosus* (Fab.) 01-155 † Cosmop. Fla.  
       Alas. O. So. Cal.  
       Mich. Wis.

† Introduced.

<sup>1</sup> Synonymy based on mss. notes on galley proof by Mr. Schwarz.



**Hypophlœus** Fab.

12375. glaber Lec. 78-422 Fla.  
 76. tenuis Lec. 78-424 Mass.  
 77. thoracicus Melsh. 46-63 Can.-Ga.Fla.  
 Ind.

**Hypophlœus** Fab.

12378. piliger Lec. 78-422 Fla.  
 79. opaculus Lec. 78-423 So.Cal.  
 — ?mexicanus Reit. 77-191 Fla.

**TENEBRIONINÆ**

Gebien 10, 11

**Polypleurus** Esch. 31-11

12380. geminatus Sol. 38-196 Atl. St. Fla.?  
 81. perforatus (Germ.) 24-148 Atl. St. Fla.  
 punctatus Sol. 38-197  
 82. nitidus Lec. 66-118 Fla.

**Rhinandrus** Lec. 66-119

- (*Exerestus* Bates 70-268)  
 (*Proderops* Fairm. 73-393)  
 12383. gracilis Lec. 66-120 L.Cal.  
 84. sublævis Horn 85-160 Ariz.

**Zophobas** Blanch. 45-15

12385. morio (Fab.) 76-241 C.& So.Am.  
 concolor Woll. 70-33 [Fla.  
 elongatus (Beauv.) 05-164  
 nigratus (Oliv.) 95-57

**Scotobates** Horn 75-151

12386. calcaratus (Fab.) 98-52 E.U.S.  
 ?aeneus (DeG.) 75-53 [Conn. Ind.  
 carolinensis (Beauv.) 05-162  
 cribratus (Chev.) 52-637  
 reflexus (Say) 25-203  
 87. opacus (Lec.) 59-15 Kan.

**Centronopus** Sol. 48-154

- (*Scotobaenus* Lec. 59-87)  
 12388. parallelus (Lec.) 59-88 Cal.

**Merinus** Lec. 66-230

12389. lævis (Oliv.) 95-57 E.U.S. Ind.

**Xylopinus** Lec. 66-230

- (*Tænobates* Mots. 72-25)  
 12390. saperdioides (Oliv.) 95-571 E.U.S. Fla.  
 anthracinus (Knoch) 01-169 [Conn. Ind.  
 calcaratus (Beauv.) 05-3  
 spinipes (Fab.) 98-53  
 a. rufipes (Say) 25-203 Fla.  
 91. aenescens Lec. 66-120 E.U.S. Conn.  
 [Ind.]

**Haplandrus** Lec. 66-230

12392. fulvipes (Hbst.) 97-238 E.U.S. Conn.  
 femoratus (Fab.) 98-53 [Ind.  
 93. ater Lec. 66-127 So.St.Fla.  
 94. concolor Lec. 66-121 Can.

**Cibdelis** Mann. 43-284

12395. blaschkei Mann. 43-284 Cal. So.Cal.  
 96. gibbosa Mots. 45-365  
 laevigata Csy. 91-60 So.Cal.  
 97. bachei Lec. 61-353 Cal. So.Cal.

**Cœlocnemis** Mann. 43-280

12398. dilaticollis Mann. 43-282 Cal. So.Cal.  
 californica Mann. 43-282  
 99. rugosa Linell 01-181 So.Cal.  
 12400. obesa Lec. 51-150 Cal. So.Cal.

**Cœlocnemis** Mann.

12401. magna Lec. 51-150 Cal. Ariz.  
 02. punctata Lec. 55-255 Utah, Ariz.  
 03. sulcata Csy. 95-615 Utah

**Iphthimus** Truqui 57-92

12404. serratus (Mann.) 43-284 Cal.  
 servator Walk. 66-327 Vanc.  
 servilis Walk. 66-326 Vanc.  
 subligatus Walk. 66-327 Vanc.  
 a. sublævis Bland 65-382 Colo. So.Cal.  
 Ariz.  
 b. lewisi Horn 70-335 N.Mex.  
 c. lævissimus Csy. 90-408 Cal.  
 05. opacus Lec. 66-121 Can. Conn.  
 06. zopheroides Horn 74-34 N.Mex.

**Alobates** Mots. 72-25

- (*Nyctobates* † Horn 70-331  
 nec Guér. 34-33)  
 12407. pennsylvanica (DeG.) 75-52 U.S. & No.  
 Mex.Fla.Conn.  
 Ind.  
 chrysops (Hbst.) 97-236  
 inermis (Mann.) 43-284  
 sublævis (Beauv.) 05-163  
 08. barbata (Knoch) 01-166 So.St.Fla.Ind.  
 ?glabra (Hbst.) 99-32  
 intermedia (Hald.) 52-376  
 pennsylvanica † (Kby.) 37-234  
 09. subnitens (Horn) 74-35 Ariz.

**Glyptotus** Lec. 58-75

12410. cribratus Lec. 58-75 Tex. Fla.  
 ?variolosus (Beauv.) 05-164

**Upis** Fab. 92-515

12411. ceramboides (L.) 58-388 No.Eur. Asia  
 Am. Nfld.  
 reticulata Say 24-279 H.B.T.  
 variolosa (DeG.) 75-32 N.S.Pa.Me.Vt.  
 N.H. N.Y.  
 Mich. Wis.  
 Man. Mont.

**Idiobates** Csy. 90-62

12412. castaneus (Knoch) 01-171 E.U.S. Ind.  
 interstitialis (Say) 23-266

**Tenebrio** L. 58-417

- (*Menedrio* Mots. 72-27)  
 (*Neatus* Lec. 62-233)  
 (*Tenebrionellus* Cr. 73-105)  
 12413. obscurus Fab. 92-111 †Cosmop. Ct.  
 Atl. to Ind.  
 So.Cal.  
 †Cosmop.  
 14. molitor L. 58-417 Alas.-Mex.  
 15. picipes Hbst. 97-245 Cosmop. Ind.  
 badius Say 23-265

† Introduced.



**Tenebrio** L.

- laticollis Steph. 32-8  
 loripes Sturm 07-223  
 tenebroides Beauv. 05-121 So. Cal. Nfld.  
 transversalis Duft. 12-300 [Fla.  
 ventralis Mars. 76-123  
 — ?rufinasus Say 35-187 N. Am.  
 — longipennis Mots. 72-37 N. Am.

**Rhacius** Champ. 85-120

12416. sulcatulus Champ. 85-121 Mex. Tex.

**Alaephus** Horn 70-346

12417. gracilis Fall 05-276 Ariz.  
 18. macilentus Csy. 92-61 Ariz. N. Mex.  
 nitidipennis Fall 05-275

**Alaephus** Horn

12419. pallidus Horn 70-346 Cal. So. Cal.  
 20. puberulus Fall 07-175 Utah [Ariz.]

**Eupsophulus** Ckll. 06-242

- (*Eupsophus* || Horn 70-347)  
 12421. castaneus Horn 70-347 Cal. So. Cal.  
 [Ariz.]

**Biomorphus** Mots. 72-38

12422. tuberculatus Mots. 72-40 Cal.

**Boros** Hbst. 97-318

12423. unicolor Say 27-238 No. St. & Can.  
 Ind.

**Bius** Muls. 54-266

12424. estriatus Lec. 51-149 Cal. So. Cal.

**HETEROTARSINÆ****Anædus** Blanch. 45-35

12425. brunneus (Ziegl.) 44-45 E. U. S. Fla.  
 26. rotundicollis Lec. 51-150 Ariz. [Ind.]  
 27. texanus Linell 01-182 Tex.  
 28. pallidus Schffr. 15-238 Tex.  
 30. longicornis Champ. 86-235 Tex.  
 \*

**Prateus** Lec. 66-238

12431. fuscus Lec. 66-131 N. Y. Fla.

**Paratenetus** Spin. 44-116

- (*Stortheophora* Mäkl. 75-635)  
 12432. punctatus Spin. 44-118 No. & C. Am.  
 ?punctatus Mots. 68-192 [Fla.]  
 33. fuscus Lec. 50-223 L. Sup. Ind.  
 34. crinitus Fall 07-253 N. Mex.  
 — cribratus Mots. 68-193 Ga.  
 — gibbipennis Mots. 68-193 Ga. Ind.

**APOCRYPHINÆ****Apocrypha** Esch. 31-13

(*Compsomorphus* Sol. 51-208)

12435. anthicoides Esch. 31-13 Cal. So. Cal.

**Apocrypha** Esch.

12436. dyschirioides Lec. 51-137 Cal. So. Cal.  
 37. clivinoides Horn 70-391 Cal. So. Cal.

**ADELIINÆ**

(*Amphidorinæ* Lec.) (*Læninæ* Seidl.)

**Cratidus** Lec. 62-239

12438. osculans Lec. 51-136 Cal. So. Cal.  
 39. fuscipilosus Csy. 90-407 So. Cal.  
 40. rotundicollis Horn 70-328 L. Cal.

**Amphidora** Esch.

12442. nigropilosa Lec. 51-136 Cal. So. Cal.  
 43. tenebrosa Horn 70-329 L. Cal.  
 44. caudata Horn 70-330 Ariz.

**Amphidora** Esch. 29-9

12441. littoralis Esch. 31-13 Cal. So. Cal.

**Stenotrichus** Lec. 62-239

12445. rufipes Lec. 51-136 Cal. So. Cal.

**HELOPINÆ****Tarpela** Bates 70-272

(*Lamperos* All. 76-4)

12446. micans (Fab.) 98-51 E. U. S. Ind.  
 Conn.  
 47. undulata (Lec.) 66-132 Pa. Ind. Fla.  
 ?americana (Beauv.) 05-122  
 48. venusta (Say) 24-283 Va. Ga. Mo.

**Nautes** Pasc. 66-475

12449. viridimicans Horn 78-57 Fla.

**Helops** Fab. 75-257

12450. impolitus Lec. 66-132 Tex. Fla.?  
 51. opacus Lec. 59-284 Cal. Nev. Ut.  
 52. punctipennis Lec. 66-133 So. Cal.-Wash.  
 punctatus Geinm. 70-123  
 53. rugulosus Lec. 51-151 Cal.  
 54. angustus Lec. 59-77 So. Cal.  
 55. gracilis Bland 63-319 N. J.  
 56. californicus Mann. 43-287 So. Cal.-Wash.

**Helops** Fab.

12457. edwardsi Horn 70-395 Or. So. Cal.  
 58. pernitens Lec. 61-353 Or.  
 59. lætus Lec. 57-50 Or.  
 60. rugicollis Lec. 66-133 Cal. So. Cal.  
 61. strigicollis Horn 85-161 Cal. So. Cal.  
 62. attenuatus Lec. 51-137 Cal. So. Cal.  
 63. callosus Csy. 90-489 N. Mex.  
 64. bachei Lec. 61-353 Cal. So. Cal.  
 65. blaisdelli Csy. 91-56 Cal. So. Cal.  
 66. discipula Csy. 91-67 Cal. So. Cal.  
 67. guadalupensis Csy. 90-488 Guadalupe  
 68. convexulus Lec. 61-353 Colo. Neb.  
 a. montanus Lec. 80-518 Colo. [Mont.]  
 69. acreus Geinm. 24-160 E. U. S. Ind.  
 aratus Say 27-241 [Conn.]  
 pullus Say 27-240  
 70. sulcipennis Lec. 66-133 Ga.  
 71. perforatus Horn 80-153 Tex.  
 72. arizonensis Horn 74-36 Ariz.

\* The number 12429 omitted.

**Helops** Fab.

12473. *difficilis* Horn 78-57 Colo.  
 74. *cylindriformis* Csy. 91-68 N.Mex.  
 75. *discretus* Lcc. 66-134 Tex.  
 76. *cisteloides* Germ. 24-159 So.St.Fla.La.  
 77. *spretus* Horn 80-153 Nev. [Mo.Ark.  
 78. *fartus* Lec. 58-74 Tex.  
 79. *tumescens* Lec. 66-134 Cal. Ariz.  
 80. *pinguis* Horn 94-430 L.Cal.  
 81. *stenotrichoides* Blais. 95-238 Cal.

**Helops** Fab.

- *seriatus* All. 77-97 Cal.  
 — *virscens* Cast. 40-235 N.Am.  
 — *politus* Say 27-240 N.Am.  
 — *tristis* Beauv. 05-138 S.C.  
**Rues** Csy. 91-66  
 12482. *ovipennis* (Csy.) 90-487 Cal. So.Cal.

**TALANINÆ****Talanus** Mäkl. 78-96

- (*Dignamptus* Lec. 78-421)  
 12483. *langurinus* Lec. 78-421 Fla.  
*stenochinus* Lec. 78-421 Fla.

**Talanus** Mäkl.

12484. *okecchobensis* Blatch. 14-143 Fla.

**MERACANTHINÆ****Meracantha** Kby. 37-237

- (*Falacer* Cast. 40-233)  
 12485. *contracta* (Beauv.) 05-121 U.S. Can. Tex.  
*canadensis* Kby. 37-238 [Conn.Ind.  
*cuprea* Cast. 40-233

**Meracantha** Kby.

- inflata* Sol. 48-167  
*tumida* Melsh. 46-61  
*?rugosa* Cast. 40-233 N.Am.

**AMARYGMINÆ****Pyanisia** Cast. 40-235

- (*Cymathotes* Blanch. 45-33)  
 (Cymatotes Sol. 48-151)  
 12486. *opaca* Sol. 48-180 Mex. Tex. Fla.  
*coarctata* Sol. 48-180 [La.

**Pyanisia** Cast.

12487. *tristis* Cast. 40-236 C.Am. Cuba  
*unicolor* Sol. 48-180 Tex.

**STRONGYLIINÆ****Strongylium** Kby. 18-417

- (*Anomæarthrum* Mäkl. 64-374)  
 (*Dolichopterum* Murray 62-4)  
 (*Eustrongylium* Kolbe 94-366)  
 (*Stenochia* Kby. 18-423)  
 (*Zurccheria* Reit. 08-134)  
 12488. *tenuiulle* Say 27-241 Ind. Conn. L.I.  
 89. *terminatum* Say 23-267 Ind. [N.J.

**Strongylium** Kby.

12490. *anthrax* Sz. 78-369 Fla.  
 91. *simplicicollis* Lec. 78-424 Fla.  
 92. *crenatum* Mäkl. 64-199 "N.Am." Fla.  
 93. *atrum* Champ. 87-360 Mex. Ariz.  
 94. *varians* Champ. 88-365 Tex.  
 95. *aulicum* Mäkl. 64-255 Tex. Mex.

**LAGRIIDÆ**

Borchmann 10; Leng 14, 17

**LAGRIINI****Arthromacra** Kby. 37-239

12496. *robinsoni* Leng 14-285 Va.  
 97. *ænea* (Say) 24-287 Can.-Minn.-  
*?donacioides* Kby. 37-239 Can. [Mo. Ind.  
 a. *glabricollis* Blatch. 10-1285 Ind.

**Arthromacra** Kby.

- b. *rugosecollis* Leng 14-287 Ga.  
 12498. *appalachiana* Leng 17-18 Va. N.C.  
 99. *pilosella* Leng 17-18 Tenn. Ky.

**STATIRINI**

Schaeffer 05

**Statira** Serv. 25-479

12500. *basalis* Horn 88-31 So. U.S. Fla.  
 01. *croceicollis* Mäkl. 63-594 So. U.S. Fla.  
 02. *gagatina* Melsh. 46-311 No. U.S. Fla.  
 03. *opacicollis* Horn 88-30 Ariz. [Ind.  
 04. *resplendens* Melsh. 46-311 Pa. Ind.  
 05. *robusta* Schffr. 05-180 Tex.  
 06. *subnitida* Lec. 66-141 L.Cal.

**Statira** Serv.

12507. *colorata* Fall 09-165 L.Cal.  
 08. *pluripunctata* Horn 88-29 Ariz.  
 09. *simulans* Schffr. 05-180 Tex.  
 10. *huachucae* Schffr. 05-176 Ariz.  
 11. *defecta* Schffr. 05-175 Ariz.  
 12. *pulchella* Mäkl. 63-589 Mex. Tex.

## MONOMMIDÆ

Thomson 60

**Hyporhagus** Thom. 60-25

12513. punctulatus Thom. 60-32 N.Am. Fla.  
 14. opaculus Lec. 66-142 L.Cal.  
 15. opuntiae Horn 72-149 Ariz.  
 16. gilensis Horn 72-149 Ariz. So.Cal.  
 17. texanus Linell 99-184 Tex.

**Hyporhagus** Thom.

- lecontei Thom. 60-31 Cal.?

**Aspathines** Champ. 88-475

12518. ovatus Champ. 88-476 So. Fla.

MELANDRYIDÆ<sup>1</sup>

Leconte 62; Horn 88; Blatchley 10

## TETRATOMINI

Casey 00-166

**Tetratoma** Fab. 90-19

12519. truncorum Lec. 66-145 No.Atl.Rgn.  
 20. concolor Lec. 79-518 Colo. [Ind.]

**Abstrulia** Casey 00-168

12521. tessellata (Melsh.) 44-144 N.Y. Ind. Va.  
 a. maculata Casey 00-169 Ind.  
 22. variegata Casey 00-169 Penn.

**Incolia** Casey 00-169

12523. longipennis Casey 00-169 Ind.

**Eupisenus** Casey 00-170

12524. elongatus (Lec.) 75-171 Alas.&so'thw'd

**Pisenus** Casey 00-171

(Triphyllus † auct. nec Latr.)

12525. humeralis (Kby.) 37-112 Pa. No.Ill.Ind.  
 a. concolor (Kby.) 37-112 H.B.T.Lat.54°  
 ruficornis (Lec.) 63-72  
 26. pubescens Casey 00-172 Va.

## PENTHINI

**Penthe** Newn. 38-373

12527. obliquata (Fab.) 01-162 Bor.Am.Conn.  
 Ind. Ga.

**Penthe** Newn.

12528. pimelia (Fab.) 01-40 Bor.Am.Conn.  
 Ind. Fla. Tex.

## SYNCHROINI

**Synchroa** Newn. 38-378

12529. punctata Newn. 38-378 N.Y. Conn.  
 umbrina Melsh. 46-55 [Fla.Ind.]  
 murina Hald. 48-99

## MALLODRYINI

**Mallodrya** Horn 88-42

12530. subaenea Horn 88-42 Ohio

## ORCHESIINI

Horn 88

**Eustrophinus** Seidl. 98-440

12531. bicolor (Fab.) 98-497 Can. to Fla.  
 Pac.CoastInd.  
 indistinctus (Lec.) 51-151 Col. [Ariz.]  
 32. brunneimarginatus (Dury) 06-254 Ky. Tex.  
 33. arizonensis Horn 88-34 Ariz. N.Mex.  
 34. confinis Lec. 66-152 Can. Wis.Neb.  
 Id. Fla.

**Eustrophus** Ill. 07-335

12535. tomentosus Say 27-239 N.Eng. N.J.  
 Mich. Wis.  
 niger Melsh. 46-58 [Dak.Ia.Ind.]

**Synstrophus** Seidl. 98-442

12536. repandus (Horn) 88-37 Can. N.H. Va.  
 Ohio, Id. Pac.  
 Coast, Ind.

**Holostrophus** Horn 88-36

12537. bifasciatus (Say) 24-282 Mass. to Va.&  
 4-maculatus Melsh. 46-58 [Tenn. Ind.]

**Holostrophus** Horn

12538. impressicollis (Lec.) 74-69 Nev. Wash.  
 39. discolor Horn 88-37 Va. [Vanc.]

**Hallomenus** Panz. 94-17

12540. scapularis Melsh. 46-57 Ga. N.Mex.  
 ruficornis (Melsh.) 46-59 [Ind.]  
 luridus Hald. 48-99  
 41. punctulatus Lec. 66-152 Que. Ont.  
 basalis Mann. 53-267 Alas. B.C.  
 42. sericornis Lec. 78-619 Mich.  
 43. debilis Lec. 66-152 Ind.  
 niger Hald. 48-99 Upper Miss.  
 44. binotatus Quens. 90-14 Montreal, Eur.

**Orchesia** Latr. 07-194

12545. ornata Horn 88-38 Wash. Ore.  
 46. castanea Melsh. 46-51 Fla Mass. to  
 Mich. & Va.  
 Nfld. Ind.  
 47. gracilis Melsh. 46-51 Me. N.J.Pa. to  
 La. Ind.

<sup>1</sup> Prepared by Mr. Lewis B. Woodruff.



**Microscapha** Lec. 66-152  
12548. *clavicornis* Lec. 66-153 Ga. Ill.

**Lederia** Reit. 79-478  
(*Crioscapa* Horn 93-144)  
12549. *arctica* (Horn) 93-144 Alas. Queen  
Charl. Is.

## MELANDRYINI

Leconte 66

**Prothalpia** Lec. 62-252  
(*Marolia* † auct. nec Muls.)  
12550. *undata* Lec. 62-252 La.  
51. *holmbergi* (Mann.) 52-347 Sitka, Alas.  
*fulminans* (Lec.) 59-284 Or. [Wash. Or.]

**Melandrya** Fab. 01-163  
12552. *striata* Say 24-286 E.U.S. Conn.  
*thoracica* Melsh. 46-55 [Ind.]  
*bicolor* Melsh. 46-55  
*umbrina* Melsh. 46-55  
*excavata* Hald. 48-97

**Emmesa** Newn. 38-376  
12553. *labiata* (Say) 24-287 N.Y. Conn.  
Ind.  
54. *connectens* Newn. 38-376 N.Y. Nfld.  
*maculata* Lec. 50-232

**Phryganophilus** Sahl. 34-454n.  
12555. *collaris* Lec. 59-88 Or. Wash.  
*depressus* (Fab. 92-112)

**Amblyctis** Lec. 79-3  
12556. *praeses* Lec. 79-4 "Near Buffalo"  
N. Y.

**Xylita** Payk. 98-249  
12557. *laevigata* (Hellw.) 86-318 Holarctic, Me.  
to L. Sup. O.  
*buprestoides* Payk. 98-249 Eur. Sib.  
*discolor* (Fabr.) 98-121  
*decolorata* (Rand.) 38-22 Mts. of Me.

**Zilora** Muls. 56-84  
12558. *hispida* Lec. 66-148 N.H.  
59. *nuda* Prov. 77-321 Que.  
60. *canadensis* Hausen 90-91 Montreal,  
N.Y.

**Rushia** Forel 93-153  
(*Carebara* || Lec. 62-251)  
12561. *longula* (Lec.) 62-251 M.States, Fla.  
62. *brevicollis* (Fall) 07-253 N.Mex.  
63. *californica* (Fall) 07-254 Cal. [(Ariz.)?  
*californica* (Schffr.) 17-357 Cal.

**Spilotus** Lec. 62-251  
12564. *quadripustulatus* (Melsh.) 46-57  
N.Y. Ind.

**Scotochroa** Lec. 74-275  
12565. *atra* Lec. 74-274 White Mts.  
*buprestoides* (Kby.) 37-240 Can. [N.H.]

**Scotochroa** Lec.  
12566. *basalis* Lec. 74-275 Colo. Mich.  
Or. Nfld.

**Enchodes** Lec. 66-148  
12567. *sericea* (Hald.) 48-98 Me. N.Y. Pa.  
Ind.

**Serropalpus** Hellen. 86-311  
12568. *barbatus* (Schall.) 83-322 Holarctic,  
Nfld.  
*substriatus* Hald. 48-98 Me. L. Sup.  
Alas.  
*obsoletus* Hald. 48-98 Or. L. Sup.  
Colo. W. Va.  
*?striatus* Hellen. 86-318 Eur.

**Mystaxus** Kugelann 92-493  
12569. *simulator* Newn. 38-376 Can. Ohio,  
*trifasciatus* (Melsh.) 46-56 [N.Y.]

**Dircæa** Fab. 98-6  
12570. *quadrinaculata* (Say) 24-283  
Bor. Am. Can.-  
Va. Mo. Ind.

*liturata* (Lec.) 59-66  
*tibialis* Say 24-282

**Phlæotrya** Steph. 32-35  
12571. *vaudoueri* Muls. 56-79 Nov. Scot. to  
Cal. & N. Car.  
*fusca* (Lec.) 78-619 Eur.

**Hypulus** Payk. 98-251  
12572. *prona* (Lec.) 78-426 Fla.  
73. *concolor* (Lec.) 66-149 Ohio, Pa. Conn.  
74. *riversii* (Lec.) 84-29 Cal.

**Abdera** Steph. 32-37  
12575. *bicinctus* (Horn) 88-40 Cal.

**Microtonus** Lec. 62-258  
12576. *sericans* Lec. 62-259 N.Y. to Ga.  
Ind.

**Symphora** Lec. 66-150  
12577. *flavicollis* (Hald.) 48-100 Me. Conn.  
Ind. [N.Y.]  
78. *rugosa* (Hald.) 48-100 Me. N.Y. Md.  
Fla. Ind.

**Anisoxya** Muls. 56-45  
12579. *glaucula* Lec. 66-150 Ont. N.Y. Pa.  
(Ariz.?)

## SCRAPTINI

Leconte 62

**Allopoda** Lec. 66-144  
12580. *lutea* (Hald.) 48-100 N.Y. N.J. Md.  
Fla. Ind.  
*fuscoturalis* (Blatch.) 13-24  
Fla.  
81. *arizonica* Schff. 17-359 Ariz.  
82. *californica* Schff. 17-359 Cal.

**Scryptia** Latr. 07-199  
12583. *sericea* (Melsh.) 46-51 D.C. N.Y. Fla.  
84. *oculata* Schff. 17-358 Ariz. [Ind.]

**Canifa** Lec. 66-144  
12585. *plagiata* (Melsh.) 46-56 N.Y. Fla. Ind.  
*americana* (Hald.) 48-100

- Canifa** Lec.  
 12586. pusilla (Hald.) 48-100 N.Y. So.Car. 12588. pallipes (Melsh.) 46-56 Fla.Me.Vt.  
 Wis. Ind. N.Y. So.Car.  
 Mich. Ind. biimpressa (Hald.) 48-100 [L.Sup. Ind.]

## OSPHYINI

Seidlitz 98-644

- Osphya** Ill. 07-370  
 (Nothus Oliv. 11-384)  
 12589. varians (Lec.) 66-145 Tex. Ind. **Osphya** Ill.  
 12590. luteus (Horn) 79-339 So. Eur. Cal.

## MYCTERINI

Leconte 62; Horn 79

- Lacconotus** Lec. 62-254  
 12591. punctatus Lec. 62-255 Can.Mich.Pa. **Mycterus** Clairv.  
 Ohio 12595. concolor Lec. 53-235 N.Mex. So.  
 Col.&Nev. flavipennis Horn 68-136 [Cal. Ariz.]  
 So. Cal. 96. quadricollis Horn 74-142 Cal. N.Mex.  
 So. Cal.  
**Mycterus** Clairv. 98-125  
 12593. canescens Horn 79-336 Cal. Nev. **Polypria** Chev. 74-330  
 94. scaber Hald. 43-303 Atl. & So. St. 12597. crux-rufa Chev. 74-330 Tex. (Mex.)  
 Fla. C. Am.)

## STENOTRACHELINI

Seidlitz 98-676

- Stenotrachelus** Latr. 25-379  
 12598. aeneus (Fab.) 87-93 Rus. Am. **Scotodes** Esch. 18-454  
 arctatus Say 24-283 Alas. Lab. N.H. (Anelpistus Horn 70-88)  
 obscurus Mann. 52-347 H. B. T. 12599. americanus (Horn) 70-88 Wh. Mts. N.H.  
 ?rowillieri Mots. 45-84 Mack. R.  
 70° N. Lat.

## PTINIDÆ

Boieldieu 54; Leconte 65; Casey 98; Fall 05; Pic 12

## GIBBIINI

- Gibbium** Scop. 77-505  
 (Scotias Czemp. 78-51)  
 12600. psylloides (Czemp.) 78-51 †Cosmop. **Mezium** Curt. 28-232  
 Va.-L. Cal. 12601. americanum Lap. 35-297 †N.Y. Fla. Tex.  
 La. S. C. Eur. Ind.  
 scotias (Fab.) 81-74 sulcatum † Woll. 54-273 La. D.C.  
 So. Eur.

## PTININI

- Sphæricus** Woll. 54-263  
 (Tipnus Duv. 60-137)  
 12602. gibboides (Boield.) 56-669 †Cal. Eur.  
**Pitnus** Gorh. 83-197  
 12603. pygmaeus Gorh. 83-198 L. Cal.  
**Trigonogenius** Sol. 49-464  
 12604. globulum Sol. 49-464 †Cal. Or.  
 faretus Lec. 66-100  
 05. aeneus Pic 00-258 Tex.  
**Niptus** Boield. 56-662  
 12606. ventriculus Lec. 59-13 Tex.-So. Cal.  
 07. hololeucus Fald. 35-214 †Can. [Ariz.]  
**Niptinus** Fall 05-108  
 12608. ovipennis Fall 05-108 Tex. **Niptinus** Fall.  
 12609. unilineatus (Pic) 00-252 Mex. Tex.  
**Ptinus** L. 66-566  
 (Ptinus L. s. str.)  
 12610. villiger (Reit.) 83-311 Nfld. Can.-  
 Wash.  
 Can. Mass.  
 †N.Y.-N.Mex.  
 Ind.  
 †Cosmop. Ind.  
 Alas. Eur. Asia,  
 [Ariz. Greenl.]  
 Cal.  
 Cal.  
 Cal. So. Cal.  
 Cal.  
 11. bicinctus Sturm 37-57  
 12. brunneus Dufts. 25-65  
 13. fur L. 58-393  
 ?humeralis Say 35-165  
 14. alternatus Fall 05-116  
 15. cælebs Fall 05-116  
 16. verticalis Lec. 59-76  
 17. gandolphei Pic 04-233

† Introduced.

**Ptinus L.**

12618. agnatus Fall 05-118 So. Cal.  
 19. cognatus Fall 05-118 Or. Cal.  
 (*Gynopterus* Muls. & Rey 68-69)  
 20. longivestis Fall 05-119 Ariz.  
 21. californicus Pic 00-89 Colo.-Vanc.  
 22. strangulatus Fall 05-120 Fla.  
 23. falli Pic 04-19 D.C.-Tex.  
 24. tumidus Fall 05-121 Tex.  
 25. bimaculatus Melsh. 46-308 N.Y. Fla. Kan.  
     frontalis Melsh. 46-308 ♂  
     a. rubroapicatus Pic 03-183 Tex.

**Ptinus L.**

12626. hystrix Fall 05-123 Tex.  
 27. eximius Fall 05-123 So. Cal. S. C.-  
 28. prolixus Fall 05-122 Tex. [Tex.?  
 29. quadrimaculatus Melsh. 46-308 Mass.-D.C.  
 30. texanus Pic 03-183 Tex. Ga.  
 31. interruptus Lec. 57-48 Cal. So. Cal.  
 32. concurrens Fall 05-125 N. Ill. Ark.  
 33. fallax Fall 05-125 So. Cal.-Or.  
 34. vegrandis Fall 05-125 So. Cal.-Ariz.  
 35. feminalis Fall 05-126 Ariz.  
 36. paulonotatus Pic 04-223 Tex.-L. Cal.

**ANOBIIDÆ****ANOBIINÆ**

Leconte 65; Fall 05

**HEDOBINI****Hedobia** Latr. 29-482

12637. granosa Lec. 74-63 Cal. So. Cal.  
 38. angulata Fall 05-130 So. Cal.

**Eucrada** Lec. 62-202

12639. humeralis (Melsh.) 46-310 Can.-Ky. Ind.  
 40. robusta Van D. 18-6 B. C.

**DRYOPHILINI****Xestobium** Mots. 45-35

- (*Cnecus* Thoms. 59-88)  
 12641. rufovillosum (DeG.) 74-230 †N. Eng.-Ill.  
     tesselatum (Fab.) 92-236 Eur. [Ind.  
     squalidum Lec. 74-64  
 42. affine Lec. 74-63 Vanc.-Cal.

**Utobium** Fall 05-134

12643. elegans (Horn) 94-384 Nev.-Antic.

**Microzogus** Fall 05-135

12644. insolens Fall 05-135 Fla.

**Ozognathus** Lec. 62-205

- (*Micranobium* Gorh. 83-202 pars)  
 12645. cornutus (Lec.) 59-87 Cal. So. Cal.  
     misellus Lec. 65-226 So. Cal.  
 46. dubius Fall 05-137 Ariz. Colo.?  
 47. floridanus Lec. 78-408 N. J. Fla. Tex.

**Xarifa** Fall 05-137

12648. insularis Fall 05-138 So. Cal. Is.

**Ernobius** Thoms. 59-88

- (*Conophoribium* Chev. 61-391)  
 (*Liozoum* Muls. & Rey 63-92)  
 (*Philoxylon* Lec. 62-205)  
 12649. mollis (L.) 61-142 †Me.-Va. Fla.  
     convexifrons (Melsh.) 46-309 Eur. Sib. Mich. [La.

**Ernobius** Thoms.

12650. socialis Fall 05-142 Cal.  
 51. cupressi Van D. 18-6 Cal.  
 52. punctulatus (Lec.) 59-284 Cal.-Vanc.  
     debilis (Lec.) 65-225 So. Cal.  
 53. convergens Fall 05-143 Cal.  
 54. collaris Fall 05-144 So. Cal.  
 55. alutaceus (Lec.) 61-352 Cal.  
 56. crotchii Fall 05-144 Cal.  
 57. gracilis Lec. 79-516 Colo.  
 58. lacustris Fall 05-146 Mich. Dak.  
 59. fissuratus Fall 05-146 Ariz.  
 60. nigrans Fall 05-146 Cal. Ariz.  
 61. pallitarsis Fall 05-147 Cal.-Wash.  
 62. tristis Lec. 79-517 Colo.  
 63. montanus Fall 05-147 Cal.  
 64. filicornis Lec. 79-517 Mass.-Va.  
 65. granulatus Lec. 65-225 Mass.-Fla.  
 66. opicus Fall 05-149 Mass. Mich.  
 67. luteipennis Lec. 79-517 Mass. D. C.  
     Mich.  
 68. tenuicornis Lec. 65-225 Pa. Mass.  
 69. marginicollis (Lec.) 59-87 Cal.-Vanc.  
 70. gentilis Fall 05-151 Wash. B. C.  
 71. trapezoideus Fall 05-151 Cal. Utah

**Paralobium** Fall 05-152

12672. mundum Fall 05-153 Cal.

**ANOBIINI****Actenobius** Fall 05-155

12673. pleuralis (Csy.) 98-65 So. Cal.  
 74. macer (Csy.) 98-65 Cal.  
 75. saginatus (Csy.) 98-65 Cal.

**Euceratocerus** Lec. 74-65

12676. horni Lec. 74-65 Tex.

**Xeranobium** Fall 05-158

12677. laticeps Fall 05-158 Ariz.

**Xeranobium** Fall

12678. macrum Fall 05-159 So. Cal.  
 79. cinereum (Horn) 94-385 S. W. Tex.  
 80. desertum Fall 05-160 So. Cal.

**Oligomerodes** Fall 05-161

12681. occidentalis Fall 05-161 So. Cal.  
 82. catalinae Fall 05-162 So. Cal. Is.

**Oligomerus** Redt. 58-563

12683. tenellus Fall 05-164 Ariz.





**Lasioderma** Steph.12745. *hemiptychoides* Fall 05-205 N.J. Md.**Megorama** Fall 05-20612746. *simplex* (Lec.) 65-239 Ky.**Megorama** Fall12747. *frontalis* (Lec.) 78-41048. *viduum* Fall 05-20749. *ingens* Fall 05-208

So. Cal.

Cal.

So. Cal.

## DORCATOMINI

**Petalium** Lec. 62-204( *Rhadine* || Baudi 73-331)( *Micranobium* Gorh. pars. 83-202)12750. *schwarzi* Fall 05-21451. *yuccæ* Fall 05-21552. *seriatum* Fall 05-21553. *californicum* Fall 05-21654. *bistriatum* (Say) 25-172a. *arizonense* Fall 05-217b. *bicolor* Fall 05-217c. *debile* Fall 05-21755. *brunneum* Horn 96-375

Tex.

Fla.

Mas. Fla. Tex.

Cal. [Ind.]

N. Eng. Fla.

Tex. Ind.

Ariz. [So. Cal.]

So. Fla.

Ga. Fla. Tex.

L. Cal.

**Eupactus** Lec. 65-235( *Calymmaderus* † auct.)12756. *nactus* Fall 05-22057. *advena* Fall 05-22058. *obsoletus* Fall 05-22059. *amœnus* Fall 05-22160. *mixtus* Fall 05-22161. *nitidus* Lec. 65-23662. *canonicus* Fall 05-22263. *similis* Fall 05-22264. *punctulatus* Lec. 65-236

viticola Sz. 78-365

— *pudicus* (Boh.) 59-86

L. Cal.

Fla.

O. Mo. La. Tex.

Ariz. [Ind.]

L. Cal.

Mass. Fla. Ariz.

L. Cal. [Ind.]

Tex.

Fla. La. Tex.

Fla. [L. Cal.]

Cal.?

**Stagetus** Woll. 61-12( *Theca* || Muls. 60-293)12765. *profunda* Lec. 65-235*striatopunctata* Lec. 84-22 Cal.

Md.-Or.

Cal.

**Catorama** Guér. 50-43112766. *tabaci* Guér. 50-437( *Hemiptychus* Lec. 65-239)67. *punctulatum* Lec. 78-40968. *vitiosum* Fall 05-23469. *impressifrons* Fall 05-23470. *sectans* Lec. 78-41071. *mutans* Fall 05-23572. *estriatum* (Horn) 94-39073. *grande* Fall 05-23674. *lentum* Fall 05-23675. *conophilum* Fall 05-23676. *latum* (Horn) 94-391*obsoletus* || Lec. 78-41077. *simplex* Fall 05-23778. *metasternale* Fall 05-23779. *inæquale* Fall 05-23780. *abbreviatum* (Lec.) 78-40881. *gibbulum* Fall 05-23882. *carinatum* Fall 05-23983. *ventrale* (Lec.) 65-24084. *punctatum* (Lec.) 65-24085. *densum* Fall 05-24086. *dichroum* Fall 05-24087. *nigripenne* Fall 05-24088. *dispar* Fall 05-24189. *nigritulum* (Lec.) 65-241

† Cuba, Fla.

Fla.

Tex.

Tex.

Ariz. L. Cal.

L. Cal. [Tex.]

Tex. Ariz.

Ariz.

N. Mex.

So. Cal.

Fla.

L. Cal.

Fla.

L. Cal.

Tex.

Fla.

Ariz.-Cal.

Fla.

Tex. La.

Ind. La. Ga. O.

Tex. Fla. Ariz.

D. C.

Mich.-La. Ind.

N. Mex.

Tex.

Mass.-Tex.

Ind.

**Catorama** Guér.12790. *vestitum* Fall 05-24291. *palliatum* (Fall) 01-25392. *placidum* Fall 05-24293. *debile* (Lec.) 78-40894. *posticum* Fall 05-24395. *tumidum* Fall 05-24396. *nubilum* Fall 05-24397. *longulum* Fall 05-24498. *uniforme* Fall 05-24499. *fastigiatum* Fall 05-24412800. *otiosum* Fall 05-24501. *congruum* Fall 05-24502. *vexatum* Fall 05-24503. *robustum* (Horn) 94-39304. *grave* (Lec.) 58-7205. *porosum* Fall 05-24706. *falli* Pic 05-171

convexum || Fall 05-247

07. *subpubescens* Pic 04-10308. *castaneum* (Ham.) 93-30709. *politum* Fall 05-24810. *triviale* Fall 05-24811. *conjunctum* Fall 05-24812. *boreale* (Lec.) 65-24013. *pusillum* (Lec.) 58-7214. *consobrinum* Fall 05-24915. *simile* (Lec.) 78-40816. *pingue* Fall 05-25017. *vacuum* Fall 05-25018. *cicatricosum* Fall 05-25119. *luteotectum* (Fall) 01-25320. *geminatum* Fall 05-25121. *gracile* Fall 05-25222. *mancum* Fall 05-25223. *validum* Fall 05-25224. *confusum* Fall 05-25225. *angustum* Fall 05-25326. *parvum* Fall 05-25427. *turbidum* Fall 05-25428. *auctum* (Lec.) 78-40929. *indistinctum* Fall 05-25530. *exiguum* Fall 05-25531. *obsoletum* (Lec.) 65-240

Cal. Ariz.

So. Cal.

L. Cal.

Fla.

Tex.

Tex. N. Mex.

So. Cal.

Ariz. N. Mex.

N. Mex.

Tex.

L. Cal.

Tex.

N. Y.-Tex. Ind.

S. W. Tex.

Ariz. Mass.-La.

Fla. Tex. [Ind.]

L. Cal. Ariz.

Brazil, (U.S.?)

Ind. Mass. Fla.

Fla. [Tex.]

Tex. Ariz.

Cal.

L. Sup.

Ariz. L. Cal.

Ariz. N. Mex.

Fla.

Ariz.

Ariz. Tex.

Fla.

So. Cal.

Cal.

Ohio

Cal.

Tex.

O.-L. Cal. Ind.

Kan.

N. Ill.

Ga.

Fla.

D. C.-Fla.

So. Cal.

L. Cal.

**Cryptorama** Fall 05-25612832. *oblongum* Fall 05-25633. *vorticale* Fall 05-257a. *minor* Fall 05-25734. *minutum* (Lec.) 78-40935. *holosericeum* (Lec.) 78-409

L. Cal.

Fla. Tex.

Fla.

Fla.-Tex.

Fla.-N. J.

**Stichtoptychus** Fall 05-25812836. *agonus* Fall 05-258

Tex.

**Protheca** Lec. 65-24112837. *hispida* Lec. 65-24138. *puberula* Lec. 65-241

N. Y. Fla. Tex.

Mass.-Fla. Ind.

**Dorcatoma** Herbst 92-10312839. *dresdensis* Hbst. 92-104*pallicornis* Lec. 74-274

Eur. &amp; No. U. S.

Ind. Can.

N. H.

† Introduced.

**Dorcatoma** Herbst

12840. *integer* (Fall) 01-253 Cal.  
 41. *setulosum* Lec. 65-242 Can.-La.Ind.  
 — *affinis* Boh. 58-87

**Byrrhodes** Lec. 78-412

12842. *setosus* Lec. 78-413 Fla.

**Eutylistus** Fall 05-264

12843. *intermedius* (Lec.) 78-411 Mass.Fla.Ark.  
 Ind.  
 44. *incomptus* (Lec.) 65-243 Mass.Ill.S.C.  
 45. *tristriatus* (Lec.) 78-411 Tex.-N.Y.Fla.  
 46. *ulkei* Fall 05-266 Cal.  
 47. *levisternus* Fall 05-266 Fla.  
 48. *granus* (Lec.) 78-411 Fla.  
 49. *fallax* Fall 05-267 Fla.  
 50. *facilis* Fall 05-268 Tex.

**Cænocara** Thoms. 59-90

- (*Tylistus* Lec. 62-203)  
 (*Enneatoma* Muls. & Rey 63-367)  
 12851. *frontalis* Fall 05-271 Fla.  
 52. *scymnoides* Lec. 65-244 Mass. Nev.  
 53. *similis* (Say) 35-166 Mass.-N.C.  
 54. *lateralis* Lec. 78-411 Fla. N.C.  
 55. *oculata* (Say) 24-273 Ct. Fla. N.  
 Eng.-Ariz.Ind.  
 56. *blanchardi* Fall 05-273 Mass. Mich.  
 57. *californica* Lec. 78-412 Cal.  
     *occidens* Csy. 85-330 Cal.  
 58. *neomexicana* Fall 05-274 N.Mex. Ariz.  
 59. *bicolor* (Germ.) 24-79 Mass.-Tex.  
 Ind.  
 60. *tenuipalpa* Fall 05-275 N.Eng.-Tex.  
 61. *inepta* Fall 05-276 N.J.Fla.Tenn.  
 62. *ovalis* Fall 05-276 Ariz. [Tex.  
 63. *nigricornis* Manee 15-176 N.C.

## PTILININI

Casey 98

**Ptilinus** Geoffr. 62-64

12864. *ruficornis* Say 23-186 Nfld. N.Eng.-  
     *?bicolor* Melsh. 46-308 [Dak. Ind.  
 65. *basalis* Lec. 58-73 Cal. So.Cal.  
     *flavipennis* Csy. 98-63 So.Cal.  
 66. *acuminatus* Csy. 98-63 Cal.

**Ptilinus** Geoffr.

12867. *lobatus* Csy. 98-62 Mo.-N.Mex.  
 68. *pruinus* Csy. 98-63 Ind. Ont.  
 69. *ramicornis* Csy. 98-63 Cal. So.Cal.  
 — *thoracicus* (Rand.) 38-25 Me.

## BOSTRICHIDÆ

Horn 78; Lesne 95, 97, 99, 00, 06, 07, 09

ENDECATOMINI<sup>1</sup>**Endecatomus** Mellié 47-108

- (*Dictyalotus* Redt. 47-348)  
 12870. *reticulatus* (Hbst.) 93-70 †Eur. So.St.  
 Ind.

**Endecatomus** Mellié

12871. *rugosus* (Rand.) 38-226 Atl.-Colo. Ind.  
     *dorsalis* Mellié 48-218

## BOSTRICHINI

Horn 78; Casey 98; Lesne 95-09

**Tetrapriocera** Horn 78-544

12872. *longicornis* (Oliv.) 90-15 W.I. Fla.  
     *tridens* (Fab.) 92-364  
     *schwarzi* Horn 78-545

**Xylobiops** Csy.

12880. *floridanum* (Horn) 85-155 Fla.  
 81. *perilis* Lesne 00-510 L.Cal. Mex.

**Scobicia** Lesne 00-584

- (*Sinoxylon* † auct. nec Duft. 25-86)  
 (*Xylopertha* † auct. nec Guér. 45-17)  
 12873. *bidentata* (Horn) 78-544 Neb.  
 74. *declivis* (Lec.) 57-48 So.Cal. Or.  
 75. *suturalis* (Horn) 78-544 Cal. So.Cal.  
 76. *arizonica* Lesne 07-244 Ariz.

**Dendrobiella** Csy. 98-66

- (*?Xylopertha* Guér. 45-17)  
 12882. *sericans* (Lec.) 58-73 Tex.L.Cal.  
     *asperum* (Lec.) 58-73 ♀ Mex. Ariz.  
     *pubescens* Csy. 98-67 [So.Cal.  
     *(Xyloblaptus* Lesne 00-504)  
 83. *quadrispinosa* (Lec.) 66-100 Tex.  
 Ariz. L.Cal.

**Xylobiops** Csy. 98-66

12877. *basillare* (Say) 23-321 Can.Tex.Ind.  
 78. *texanum* (Horn) 78-543 S.W.Tex [Fla.  
 79. *sextuberculatum* (Lec.) 58-73  
     So.Cal.Tex.  
     Mex. Ariz.

**Amphicerus** Lec. 61-208

- (*?Apate* Fab. 75-54)  
 (*Schistoceros* Lesne 98-502)  
 12884. *consanguineus* Lesne 98-513 N.Am.?

<sup>1</sup> While the check list was going through the press, Mr. Schwarz wrote "These are certainly not Bostrichids"; he also pointed out that the order of the genera of Bostrichini should be, to accord with Lesne's views: *Dinoderus*, *Patea*, *Rhizopertha*, *Bostrichus*, *Amphicerus*, *Lichenophanes*, *Apatides*, *Micrapate*, *Tetrapriocera*, *Dendrobiella*, *Xylobiops*, *Scobicia*.

† Introduced.



**Amphicerus** Lec.

12885. *cornutus* (Pallas) 72-18 So. Am.  
*punctipennis* (Lec.) 58-73 Tex. L. Cal.  
 Mex. Fla.  
 86. *maritimus* Csy. 98-68 Tex. [Ariz.  
 87. *gracilis* Csy. 98-69 Kan. Ia. N. C.  
 88. *bicaudatus* (Say) 23-320 Ind. Kan. Fla.  
*aspericollis* (Germ.) 24-258 ♀  
*?hamatus* (Fab.) 75-360 N. Am. Cuba  
 89. *grandicollis* Csy. 98-69 Tex.  
 90. *brevicollis* Csy. 98-70 Tex.  
 91. *teres* Horn 78-548 So. Cal.

**Apatides** Csy. 98-66(*Bostrychopsis* Lesne 98-524)

12892. *fortis* (Lec.) 66-101 Ut. Ariz.  
 93. *robustus* Csy. 98-71 Tex. [So. Cal.  
 94. *puncticeps* Csy. 98-71 Ariz.  
 95. *pollens* Csy. 14-359 Ariz.

**Lichenophanes** Lesne 98-457

12896. *spcctabilis* (Lesne) 95-173 (Cal.?)  
 97. *lucanus* (Web.) 01-91 N. Am.?  
 98. *armiger* (Lec.) 66-100 M. & W. St. Ind.  
 99. *californicus* (Horn) 78-456 Cal. So. Cal.  
 12900. *truncaticollis* (Lec.) 66-101 Can. U. S. Ind.  
 01. *penicillatus* Lesne 95-171 Mex. L. Cal.  
*fasciculatus* (Fall) 09-162  
*verrucosus* † Gorch. 86-353

**Bostrichus** Geoff. 62-301

12902. *bicornis* (Web.) 01-91 Ct. Atl. So. St.  
*serricollis* Germ. 24-464 [Fla. Ind.  
 03. *angustus* Csy. 98-72 N. J.  
 04. *capucinus* (L.) 61-142 † Eur. N. J.

**Micrapate** Csy. 98-72(*Bostrychulus* Lesne 98-591)

12905. *dinoderoides* (Horn) 78-543 Ariz. Tex.  
 06. *cristicauda* Csy. 98-73 D. C. Fla.  
 07. *simplex* (Horn) 85-155 S. W. Tex.  
 L. Cal. ? Ariz.

**Stephanopachys** Waterh. 88-349(*Dinoderus* † auct. nec Steph.)

12908. *substriatus* (Payk.) 00-142 Colo.  
 Can. Mich.  
 Eur. Sib. Alas.  
 So. Cal. Id.  
 Colo.  
 09. *pacificus* Csy. 98-74 So. Cal. Wy.  
 N. Mex. [Ariz.  
 Ariz.  
 10. *sobrinus* Csy. 98-74  
 11. *asperulus* Csy. 98-74  
 12. *amplus* Csy. 98-75  
 13. *rugosus* (Oliv.) 95-18  
*porcatus* Lec. 66-101 Fla. Pa. N. C.  
 Ind. Conn.  
 Va.  
 14. *opacus* Csy. 98-75 N. J.  
 15. *hispidulus* Csy. 98-75 Mich. S. C.  
 16. *densus* Lec. 66-102 Pa.  
 17. *parvulus* Csy. 98-75 Ind. S. C.  
 18. *cribratus* Lec. 66-102  
 (*Prostephanus* Lesne 97-319)  
 19. *punctatus* (Say) 25-258 N. Y. S. C. Ind.  
 20. *truncatus* Horn 78-550 Cal. [Conn.

**Rhizopertha** Steph. 30-354

12921. *dominica* (Fab.) 92-359 † Cosmop.  
*pusilla* (Fab.) 98-156 Pa. Ariz. Can.

**Dinoderus** Steph. 30-354(*Patea* Csy. 98-66)

12922. *brevis* (Horn) 78-550 La.  
*?minutus* Fab. 75-54 Cosmop. Fla.

## DINAPATINI

**Dinapate** Horn 86-1

12923. *wrighti* Horn 86-2 So. Cal.

## PSOINI

**Polycaon** Lap. 36-30(*Exopioidea* Guér. 45-17)(*Allæocnemis* Lec. 53-232)

12924. *stouti* (Lec.) 53-233 ♂ So. Cal. Or.  
*punctatus* Lec. 66-102 ♂ L. Cal. [Ariz.  
*ovicollis* Lec. 57-49 ♀  
*pubescens* Lec. 66-102 ♀

(*Heterarthron* Guér. 44-186)

25. *femoralis* (Fab.) 92-361 C. Am. Tex.  
*gonagra* (Fab.) 98-156  
 a. *exesus* Lec. 58-74 L. Cal.

**Polycaon** Lap.

12926. *plicatus* Lec. 74-65 ♂ Tex.  
*obliquus* Lec. 74-66 ♀ Tex.  
 27. *confertus* Lec. 66-102 Cal. So. Cal.  
*incisa* (Lec.) 68-64  
 28. *megalops* Fall 01-254 So. Cal.

**Psoa** Hbst. 97-214(*Acrepis* Lec. 52-213)

12929. *maculata* (Lec.) 52-213 Cal.  
 30. *quadrisignata* (Horn) 68-135 Cal.

## LYCTIDÆ

Kraus 11

## LYCTINI

**Lyctus** Fab. 92-502(*Xylotrogus* Steph. 30-116)(*Trogorylon* Lec. 61-209)

12931. *impressus* Com. 37-40 So. Eur. † Miss.  
 32. *punctatus* (Lec.) 66-104 L. Cal.

**Lyctus** Fab.

12933. *californicus* Csy. 91-14 So. & L. Cal.  
 Ariz.  
 34. *parallelipedus* (Melsh.) 44-112 E. & S. E. U. S.

† Introduced.

**Lyctus** Fab.

12935. *curtulus* Csy. 91-15 S.W.U.S. [Fla.  
 36. *politus* Kraus 11-122 †D.C.  
 37. *brunneus* (Steph.) 39-116 (Cosmop. Pa.  
     *parasiticus* Steph. 29-94 [Ill.  
     *glycyrrhizæ* Chev. 29-191  
     *rugulosus* Montr. 61-266  
     *carolinæ* Csy. 91-13 S.C.  
 38. *opaculus* Lec. 66-103 E.U.S. Conn.  
 39. *cavicollis* Lec. 66-103 Cal.  
 40. *planicollis* Lec. 58-74 U.S. Fla So.  
 41. *carbonarius* Walth 32-167 Mex.Fla. [Cal.  
 42. *parvulus* Csy. 84-175 Ariz.W.&S.W.  
     U.S. So.Cal.  
 43. *linearis* (Goeze) 77-148 Cosmop. Ct.

**Lyctus** Fab.

- oblongus* (Oliv.) 90-18 Me.-Minn.  
*unipunctatus* (Hbst.) 83-40 [N.C.  
*canaliculatus* Fab. 92-504  
*striatus* Melsh. 44-112  
*pubescens* Duft. 25-148  
*fuscus* Seidl. 75-16  
 a. *axillaris* Melsh. 44-113 Pa.

**Lyctoxyton** Reitter 78-199

12944. *japonicum* Reit. 78-199 †Japan, N.J.

**Minthea** Pasc. 63-97

- (*Lyctopholis* Reit. 78-196) †  
 12945. *stichothrix* (Reit.) 78-199 S.Am.& N.Y.

## BERGINI

**Berginus** Er. 48-405

12946. *pumilus* Lec. 63-72 Pa. So.Cal.

**Berginus** Er.

- nigricolor* Champ. 13-117 Guat. Mex.  
 Panama, Tex.?

## SPHINDIDÆ

## Casey 98

**Odontosphindus** Lec. 78-601

12947. *denticollis* Lec. 78-601 Atl.St. Mich.  
 Can.  
 48. *clavicornis* Csy. 98-92 Cal. So.Cal.

**Sphindus** Chev.

12949. *americanus* Lec. 66-104 Conn. Atl.-Ia.  
 50. *crassulus* Csy. 98-93 Colo. [Ind.Fla.  
 51. *trinifer* Csy. 98-93 Can.

**Sphindus** Chev. 33-8

(*Coniophagus* Mink. 53-59)

**Eurysphindus** Lec. 78-602

12952. *hirtus* Lec. 78-602 Mich.

CISIDÆ (*Cioidæ*)

Leach 19; Mellié 48; Casey 98; Kraus 08; Dalla Torre 11; Dury 17

## CISINÆ

## Dalla Torre 11

**Cis** Latr. 96-50

- (*Entypus* Thoms. 63-193)  
 (*Eridaulus* Thoms. 63-191)  
 (*Hadraulula* Thoms. 63-182)  
 12953. *superbus* Kraus 08-75 Cuba, Fla.  
 54. *krausi* Dalla Torre 11-13  
     *bimaculatus* || Kraus 08-76 Tex.-Fla.  
 55. *duryi* Leng 18-207  
     *bicolor* || Dury 17-7 Ga.  
 56. *arizonæ* Dury 17-5 Ariz.  
 57. *lodingi* Dury 17-6 Ala.  
 58. *cornuta* Blatch. 10-898 Ind. Ohio  
 59. *huachucae* Dury 17-8 Ariz.  
 60. *falli* Blatch. 10-898 Ind. O. Ala.  
 61. *sericollis* Dury 17-9 Or.  
 62. *confusus* Blatch. 10-899 Ind. Ala.  
 63. *hystricula* Csy. 98-82 Cal.  
 64. *cylindricus* Dury 17-8 Or.  
 65. *wenzeli* Dury 17-8 Pa.  
 66. *julichi* Dury 17-7 N.Y. City  
 67. *floridæ* Dury 17-9 Fla.  
 68. *blatchleyi* Dury 17-7 Fla.  
 69. *frosti* Dury 17-9 Mass.

**Cis** Latr.

12970. *dunedinensis* Leng 18-207  
     *pusillus* || Dury 17-10 Fla.  
 71. *pallens* Csy. 98-78 Mont.  
 72. *fuscipes* Mellié 48-271 Atl.-Ia. Tex.  
     *carolinæ* Csy. 98-78 N.C. [Ind.  
     ? *atripennis* Mellié 48-258 N.Am. Mass.  
     *chevrolati* Mellié 48-249 La. Ind.  
 73. *impressa* Csy. 98-79 Vanc.-Cal. .  
 74. *pistoria* Csy. 98-79 R.I. Mass.  
 75. *striolata* Csy. 98-79 Colo.  
 76. *fraterna* Csy. 98-80 Utah  
 77. *macilenta* Csy. 98-80 Cal.  
 78. *versicolor* Csy. 98-80 Cal. So.Cal.  
 79. *creberrima* Mellié 48-357 La. Pa. Tex.  
     Ind.  
 80. *mormonica* Csy. 98-81 S.W. Utah  
 81. *horridula* Csy. 98-81 Pa.  
 82. *vitula* Mann. 43-299 Cal. So.Cal.  
 83. *caseyi* Dalla Torre 11-8 Cal.  
     *illustris* || Csy. 98-81  
 84. *congesta* Csy. 98-82 La.  
 85. *duplex* Csy. 98-82 Cal. So.Cal.  
 86. *montana* Csy. 98-82 Mont.

† Introduced.

**Cis** Latr.

12987. soror Csy. 98-83 Vanc.-No.Cal.  
 88. curtula Csy. 98-83 N.Y.  
 89. hirsuta Csy. 98-83 Fla.  
 90. ursulina Csy. 98-83 Ala. Ind.  
 — americanus Mann. 52-360 Alas.  
 — corticinus Gorh. 83-220 U.S.& Guat.  
 — dichrous Lec. mss. N.Am.  
 — dubius Mellié 48-273 La.  
 — ephippium Mann. 53-234 Alas.  
 — minutissimus Mell. 48-334 N.Am. Mass.  
 — obesus Mcll. 48-335 N.Am.  
 — subtilis Mell. 48-353 N.Am.  
 — tetracentrum Gorh. 86-357 N.Am. Mex.  
 — tristis Mell. 48-343 La.  
 — ustulatus Mell. 48-250 La.  
 — tridentatus Mann. 52-360 Alas.  
 — setulosus Mell. 48-257 N.Am.  
 — fagi Walzl 39-224 Alas.

**Sphindocis** Fall 17-170

12991. denticollis Fall 17-171 Cal.

**Orthocis** Csy. 98-84

12992. punctata (Mell.) 48-337 Mass.-Ga.Ind.  
 93. longula Dury 17-13 Pa. Fla.  
 94. aterrima Csy. 98-84 Cal.  
 95. huesanus Kraus 08-77 Fla.  
 96. pulcher Kraus 08-78 Fla.

**Xestocis** Csy. 98-85

12997. levetti Csy. 98-85 Nfld.Can.Pa.  
 98. davisi Dury 17-16 Fla.Ind.Ia.  
 99. miles Csy. 98-85 S.I.  
 13000. singularis Dury 17-15 R.I.-Ala.  
 01. opalescens Csy. 98-86 Ohio-Ala.  
 02. mozzetti Dury 17-16 Pa.O.Va.  
 \* Or.  
 04. biarmata Mann. 52-360 Alas.B.C.-Or.  
 bicarinatus ‡ Henshaw No. 5391  
 05. quadridentatus Dury 17-17 Mass.  
 06. insolens Csy. 98-86 Pa.  
 07. castlei Dury 17-17 Ohio

**Strigocis** Dury 17-19

13008. opacicollis Dury 17-19 O.N.J.Al.

**Brachycis** Csy. 98-86

13009. brevicollis Csy. 98-87 N.Y.N.Ill.Al.

**Plesiocis** Csy. 98-87

13010. cribrum Csy. 98-87 Cal.So.Cal.

**Sulcacis** Dury 17-20

13011. lengi Dury 17-21 Vt. Ohio, N.J.  
 12. niger Dury 17-21 So.Ill.Pa.

**Diphylllocis** Reit. 85-209

- (*Maphoca* Csy. 00-165)  
 13013. blaisdelli Csy. 00-166 Cal.

**Ennearthron** Mellié 47-110

- (*Entypus* Redt. 47-350)  
 13014. transversatum Kraus 08-79 Va.Fla.Tex.  
 15. pallidum Kraus 08-79 Fla.  
 16. annulatum Kraus 08-80 Cuba, Fla.?  
 17. piccum Csy. 98-88 Tex. La.  
 18. thoracicornis Ziegl. 44-270 Can.-Fla.Ind.  
 mellyi Mell. 48-369 N.Am.  
 unicolor Csy. 84-37 L.I.  
 ?thoracicus ‡ Dalla Torre 11-270  
 19. oblongus Blatch. 10-900 Ind.  
 20. laminifrons Csy. 98-89 La.  
 21. grossulum Csy. 98-89 So.Cal.  
 22. californicum Csy. 84-36 Cal.  
 23. discolor Csy. 98-89 Cal.  
 24. compactum Dury 17-22 Fla. Tex.  
 25. convergens Csy. 98-89 Cal. So.Cal.  
 26. oregonus Dury 17-23 Or.  
 27. coloradense Dury 17-23 Colo.N.Mex.  
 28. pullulum Csy. 98-90 Fla. Ala.  
 29. unicornis Csy. 98-90 Fla.  
 — hirtus Sturm 43-232 Am.Bor.  
 — verrucosus Sturm 43-232 Am.Bor.

**Ceracis** Mellié 48-375

13030. sallei Mell. 48-377 Can.-Tex.Ind.  
 31. schæfferi Dury 17-26 Tex.  
 32. similis Horn 94-391 L.Cal.  
 33. bifoveatus Dury 17-27 Ohio  
 34. punctulata Csy. 98-90 Fla. Ala.  
 35. minuta Dury 17-26 Fla.

**OROPHIINÆ**

Thoms. 63-195

**Octotemnus** Mellié 47-108

- ?*Orophius* Redt. 49-350  
 13036. denudatus Csy. 98-91 Vanc.-Cal.

**Octotemnus** Mellié

13037. lævis Csy. 98-91 R.I. Pa. Ind.  
 ?pumicatus Mell. 48-333 La.

\* The number 13003 was accidentally omitted.



## SCARABÆOIDEA

## SCARABÆIDÆ

## COPRINÆ

## SCARABÆINI

Harold 59-74; Horn 70; Blanchard 85

**Canthon** Hffsg. 17-38

13038. *nigricornis* (Say) 23-207 Mass.-Fla.  
Tex.Kan.Ga.  
a. *punctaticollis* Schffr. 15-50 Fla. [Ind.  
39. *cbenus* (Say) 23-208 Me.-Tex.Kan.  
Ariz.  
40. *depressipennis* Lec. 59-11 Ga. Fla.-Dak.  
41. *praticola* Lec. 59-10 Kan.Neb.Ariz.  
42. *probus* (Germ.) 24-98 Ga.Ky.-Fla.  
abrasus Lec. 59-10 Kan.  
43. *puncticollis* Lec. 66-381 N.Mex.Ariz.  
Cal.  
a. *integricollis* Schffr. 15-50 Tex.Ariz.  
44. *lecontei* Harold 68-110 Tex.N.Mex.  
45. *simplex* Lec. 57-41 Or.So.Cal.  
Ariz.  
a. *corvinus* Harold 68-129 Cal.Ariz.Colo.  
Utah  
b. *humeralis* Horn 70-46 So.Cal.Id.  
c. *militaris* Horn 70-46 Cal. [Vanc.  
46. *cyanellus* Lec. 59-10 Tex.-Mex.  
47. *vigilans* Lec. 58-16 Mich.Pa.-Tex.  
Colo.

**Canthon** Hffsg.

13048. *laevis* (Drury) 70-79 Atl.-Ariz.Inc.  
[Fla. So.Cal.  
hudsonias (Forst.) 81-3 S.C.  
obtusidens Ziegl. 44-45 Md.  
pilularius (L.) 58-349 N.Y.  
volvans (Fab.) 92-66 Fla.  
a. *viridescens* Horn 70-47 L.Cal.  
49. *obliquus* Horn 94-393 Mo. Kan. Ind.  
50. *chalcites* Hald. 43-304  
51. *humectus* Say 32-4  
a. *gagatinus* Harold 63-173 Ariz.-Guat.  
b. *indigaceus* Lec. 66-380 Ariz.  
52. *viridis* (Beauv.) 05-23 U.S.& Mex.  
obsoletus (Say) 23-208 Pa. [Ind. Fla.  
viridicatus (Say) 35-173  
53. *perplexus* Lec. 47-85 Tex. Ill.-Mex.  
Ind. So.Cal.

**Deltochilum** Esch. 22-37

13054. *gibbosum* (Fab.) 75-28 So.St.Fla.  
55. *scabriusculum* Bates 88-39 Tex.

**Megathopa** Esch. 22-34

13056. *yucateca* Harold 63-173 Mex. Tex.

## COPRINI

Horn 75; Blanchard 85; Schaeffer 06, 14

**Choeridium** Serv. 25-356

13057. *histeroides* (Web.) 01-37 Conn. Ind.  
*capistratum* (Fab.) 01-62 Pa.  
58. *lecontei* Harold 68-42 Fla. Ariz.

**Pinotus** Er. 47-108

- (*Brachycopris* Hald. 45-125)<sup>1</sup>  
13059. *carolinus* (L.) 67-545 Fla. Pa.& So.&  
S.W.St. Ind.  
60. *colonicus* (Say) 35-174 Tex. Mex.  
*bituberculatus* Harold 69-127  
— ?*texanus* Felsche 01-139

**Copris** Geof. 62-87

13061. *gopheri* Hub. 94-310 Fla.  
62. *minutus* (Drury) 73-78 Can.-Fla. Ind.  
*ammon* Fab. 81-24 [Tex.  
*lar* Fab. 87-13  
*reflexus* Panz. 94-7  
*silenus* Fab. 75-21  
63. *incertus* Say 35-175 Mex.  
a. *procidius* Say 35-176  
64. *arizonensis* Schffr. 06-254 Ariz.  
65. *tullius* Oliv. 89-118 Can.-Tex. Ind.  
*anaglypticus* Say 23-204 [Fla.  
66. *inemarginatus* Blatch. 18-54 Fla.  
67. *remotus* Lec. 66-381 Tex. Mex.

**Copris** Geof.

13068. *mœchus* Lec. 54-222 Tex. Mex.  
So.Cal. Ariz.

**Phanæus** MacL. 19-124

13069. *pluto* Harold 63-164 Ariz. Mex.  
*morio* Lec. 63-36  
70. *quadridens* (Say) 35-176 Ariz. Mex.  
*violaceus* Lap. 40-81  
71. *difformis* Lec. 47-86 Tex. N.Mex.  
Fla.  
72. *carnifex* (L.) 67-546 Atl.St.-Colo.  
*vindex* MacL. 19-133 [Ind. Fla.  
73. *triangularis* (Say) 23-206 Mo. Kan. Tex.  
a. *torrens* Lec. 47-85 Mo. Ind.  
74. *igneus* MacL. 19-133 Ga. Fla.  
a. *nigrocyanus* MacL. i litt. Fla.  
75. *mexicanus* Harold 63-171 Ariz. Mex.

**Onthophagus** Latr. 07-141

13076. *coproides* Horn 81-79 Kan. Tex.  
77. *polyphemi* Hub. 94-311 Fla.  
78. *subæneus* Beauv. 05-105 Ind.  
79. *velutinus* Horn 75-140 L.Cal. Ariz.  
80. *hecate* Panz. 94-5 Can.-Fla. Tex.  
*hastator* Fab. 01-31 Mo. [Ind.  
*latebrosus* Fab. 01-34 S.C.  
*obtectus* Beauv. 05-2 S.C.  
*sayi* Cast. 41-87 S.C.

<sup>1</sup> *Brachycopris* apparently antedates *Pinotus*, but as Mr. Schwarz has informed me that *Holocephalus Hope* 1838 has also to be considered I have made no change.

## Onthophagus Latr.

- |   |                              |   |                             |
|---|------------------------------|---|-----------------------------|
| 13081. <i>guatemalensis</i> Bates 88-73 | Tex.                         | 13087. <i>cribricollis</i> Horn 81-76   | Kan.-Tex. Ind.              |
| 82. <i>orpheus</i> Panz. 94-5           | Fla. N.Y. Wis.<br>Mont. Ind. | 88. <i>nuchicornis</i> (L.) 58-547      | †Eur. N.S.<br>N.Y.N.J.Nfld. |
| 83. <i>arizonensis</i> Schffr. 09-382   | Ariz.                        | <i>rhinoceros</i> Melsh. 46-134         | Pa. N.B. R.I.               |
| 84. <i>janus</i> Panz. 94-5             | E.U.S. Ct. Ind.              |   | Sib.                        |
| <i>canadensis</i> Fab. 01-34            | [Fla.                        | 89. <i>lecontei</i> Harold 68-115       | Mex.-Ariz.                  |
| <i>concinus</i> Cast. 40-87             |                              | 90. <i>tuberculifrons</i> Harold 73-115 |                             |
| <i>cervicornis</i> Kby. 25-565          |                              |   | N.Y.-Fla. Ind.              |
| <i>protensus</i> Melsh. 46-134          | Pa.                          | 91. <i>anthracinus</i> Harold 76-104    | Mex.-Tex.                   |
| <i>niger</i> Melsh. 46-134              |                              |   | Ariz.                       |
| a. <i>striatulus</i> Beauv. 05-92       | E.U.S. Ind.                  | 92. <i>landolti</i> Harold 80-34        | Tex.-S. Am.                 |
| <i>scabricollis</i> Kby. 37-126         |                              | 93. <i>texanus</i> Schffr. 14-299       | Tex.                        |
| <i>castaneus</i> Melsh. 46-134          |                              | 94. <i>brevifrons</i> Horn 81-76        | Kan. Tex.                   |
| 85. <i>nigrescens</i> Blatch. 16-94     | Fla.                         |   |                             |
| 86. <i>pennsylvanicus</i> Har. 73-115   |                              | <b>Oniticellus</b> Serv. 25-356         |                             |
|   | Can.-Fla. Tex.<br>Ind.       | 13095. <i>californicus</i> Horn 82-118  | Cal.                        |
|   |                              | 96. <i>cubiensis</i> Cast. 41-92        | Cuba. Fla.                  |

## Horn 87; Schmidt 12

**Aegialia** Latr.

- |                                     |              |                                    |                 |
|-------------------------------------|--------------|------------------------------------|-----------------|
| 13097. <i>rufescens</i> Horn 87-99  | L.Sup. Nev.  | 13102. <i>conferta</i> Horn 71-294 | Ind. Ill. Wash. |
| <i>rufa</i>    Lec. 78-610          |              |                                    | So. Cal. Ga.    |
| 98. <i>cylindrica</i> (Esch.) 22-11 | Alas. Wash.  | 03. <i>latispina</i> Lec. 78-611   | So. Cal.        |
| 99. <i>lacustris</i> Lec. 50-225    | L.Sup. Colo. | 04. <i>opifex</i> Horn 87-99       | Mass.           |
| ? <i>exarata</i> Mann. 53-219       | [Nfld.       | 05. <i>crassa</i> Lec. 57-42       | Cal. So. Cal.   |
| 13100. <i>blanchardi</i> Horn 87-99 | Mass. N.C.   | 06. <i>spissipes</i> Lec. 78-611   | L.Sup. Mass.    |
| 01. <i>pusilla</i> Horn 87-99       | Wash.        |                                    |                 |

## Horn S7; Schmidt 10

APHODIINI

### Aphodius Ill.

- |                                |  |                               |                   |
|--------------------------------|--|-------------------------------|-------------------|
| (Teuchestes Muls. 42-176)      |  | B.                            |                   |
| 13107. fossor (L.) 58-348      | †Eur. Sib. Can.<br>N. Eng. N. Y.<br>Nfld. N. H.<br>Mich. Ia. Pa. | 13115. crassulus Horn 70-118  | Fla.-Tex.         |
|                                |  | 16. crassuloides Fall 07-243  | N. Mex.           |
|                                |  | 17. abusus Fall 07-242        | Tex.              |
|                                |  | 18. bidentatus Schm. 06-201   | Colo.             |
| (Diapterna Horn 87-3)          |  | bidens    Lec. 78-453         |                   |
| 08. validus Horn 70-112        | H. B. T.   | 19. fimetarius (L.) 58-348    | Nfld. † Eur.      |
| 09. hamatus Say 23-277         | Me.-Or.<br>N. Mex. Ind.  |                               | Sib. Can.-Tex.    |
|                                | Fla.   | nodifrons Rand. 38-20         | Me. [Ind.]        |
| conceavus † Hald. 48-103       |  | 20. sigmoideus VanD. 18-9     | Wash.             |
| pinguis Hald. 48-103           |  | 21. congregatus Mann. 53-219  | No. Cal. Alas.    |
| angularis Lec. 50-225          |  | arcticus Harold 63-361        |                   |
| hyperboreus Lec. 50-225        |  | 22. aleutus Esch. 22-27       | Sib. Colo. Cal.   |
| omissus Lec. 50-225            |  |                               | Alas.             |
| torpidus Horn 70-114           |  | ursinus Mots. 45-365          | Wash. Or.         |
| sagittarius Harold 60-615      |  |                               | N. Mex.           |
| a. occidentalis Horn 70-114    |  | 23. putridus (Hbst.) 89-160   | † Eur. Sib. Atl.- |
| (Colobopterus Muls. 42-165)    |  | foetidus (Fab.) 92-40         | [Colo. N. Mex.]   |
| 10. erraticus (L.) 58-345      | † Eur. Sib.<br>M. St. Md.  | tenellus Say 23-213           |                   |
|                                |  | 24. duplex Lec. 78-454        | Colo.             |
| pensvallensis Melsh. 46-135    |  | 25. neotomæ Fall 07-243       | So. Cal.          |
| 11. hæmorrhoidalis (L.) 58-348 |  | 26. pectoralis Lec. 57-41     | Cal.-Alas.        |
|                                | † N. Y. N. J.  | 27. ruricola Melsh. 46-136    | Nfld. Can.-       |
| a. humeralis Muls. 42-174      | N. Y. N. J.  | curtus Hald. 48-105           | [Tex. Ind. Fla.]  |
| (Aphodius s. str.)             |  | a. aurelianus Harold 63-375   | So. St.           |
| A.                             |  | 28. sallei Harold 63-336      | Mex. Tex.         |
| 12. denticulatus Hald. 48-104  | Wy.-N. Mex.  | 29. anthracinus Lec. 78-455   | Utah, Ariz.       |
| 13. moquinus Fall 07-242       | Ariz.  | 30. arizonensis Schffr. 07-61 | Ariz.             |
| 14. conspersus Horn 87-9       | Cal.   | C.                            |                   |
|                                |  | 31. granarius (L.) 58-457     | † Cosmop. Ind.    |

† Introduced.

**Aphodius Ill.**

- aterrimus Melsh. 46-136 Eur.Sib. So.  
Cal.  
metallicus Hald. 48-105 U.S.&Can.  
spretus Hald. 48-106 [Ariz.]  
13132. vittatus Say 25-191 Atl.-Nev.Ariz.  
Ind.So.Cal.  
a. cockerelli Leng 18-207 Colo.  
niger || Ckll. 88-6  
b. nigromarginatus Ckll.88-6 Colo.  
33. guttatus Esch. 23-97 Alas. Lab.  
D.  
34. lividus (Oliv.) 90-86 Fla.†So.St.  
W.I. Ariz.Ind.  
So.Cal.  
35. vestiarius Horn 70-121 Fla.Eur.Sib.  
E.  
36. rugatus Schm. 07-202 So.Cal.  
rugifrons || Horn 71-295  
F.  
37. obtusus Lec. 78-454 Colo.Wy.  
38. consociatus Horn 87-21 Cal. So.Cal.  
39. subæneus Lec. 57-41. Cal.So.Cal.  
40. alternatus Horn 70-129 Mont.-So.Cal.  
41. rotundiceps Fall 07-244 N.C.  
G.  
42. nevadensis Horn 70-121 Nev.No.Cal.  
43. gentilis Horn 87-24 Cal.  
44. cribratus Lec. 78-455 So.&No.Cal.  
Or.  
H.  
45. columbiensis Wickh.13-29 B.C.  
46. opacus Lec. 72-193 Cal. Vanc.  
47. lutulentus Hald. 42-304 M.&So.St.Fla.  
corvinus Hald. 48-104 ♂  
48. stupidus Horn 70-125 N.C. Ga.  
49. lentus Horn 70-125 Fla.Pa.Ga.Ill.  
Mass. Ind.  
50. decipiens Horn 87-28 Nev.  
I.  
51. explanatus Lec. 78-457 Colo.  
52. umbricollis Fall 07-245 Tex.N.Mex.  
53. rudis Lec. 78-458 Colo.  
54. phæopterus Lec. 78-456 Mont.Id.  
55. brevicollis Lec. 78-455 Neb. [Wash.  
56. depressiusculus Schm. 07-201 Nev.  
marginatus || Lec. 78-456  
57. ochreipennis Horn 71-295 So.Cal.  
58. haldemani Horn 87-33 Tex.Kan.  
politus || Horn 70-128  
59. rubeolus Beauv. 05-90 Mass.Mo.Tex.  
copronymus Melsh.44-136 [Ind.Fla.  
60. iowensis Wickh. 13-28 Iowa  
61. campestris Blatch. 12-330 Fla.  
62. stercorosus Melsh. 44-136 Atl.-Dak.Ind.  
63. troglodytes Hub. 94-310 Fla. [Fla.  
64. concavus Say 23-214 Ga.-Colo.Fla.  
lævigatus Hald. 48-103  
65. rubidus Lec. 57-41 Cal.Ariz.  
So.Cal.  
66. militaris Lec. 58-65 Cal. Nev.  
So.Cal.  
67. coquilletti Linell 96-722 So.Cal.  
68. æmulus Horn 87-38 So.Ariz.  
69. rubiginosus Horn 70-127 Ariz.

**Aphodius Ill.**

13170. consentaneus Lec. 50-255 Can.-N.Mex.  
71. wolcottii Blatch. 10-932 Ind.  
72. luteolus Horn 87-40 N.Mex.  
73. phaleroides Horn 70-131 C.I. N.J.  
74. knausi Fall 05-130 Kan.  
kansanus Wickh. 05-169  
75. larreæ Horn 87-41 Tex. Ariz.  
76. parvus Horn 87-42 E. Fla.  
77. ægrotus Horn 70-127 Fla.N.C.  
78. dentiger Lec. 58-65 S.W.Tex.Ariz.  
79. eoloradensis Horn 70-130 Colo.Ariz.  
80. bicolor Say 23-212 Can.-Tex.Ind.  
81. luxatus Horn 87-46 So.Cal.Ariz.  
82. serval Say 37-167 M.St.-Tex.  
steinheili Harold 69-100 [Ind.  
83. ungulatus Fall 01-254 So.Cal.  
84. distinctus (Müll.) 76-53 †Eur.Atl.-  
inquinatus (Hbst.) 84-6 Sib. [Colo.Ind.  
maculipennis Melsh. 44-137  
85. pardalis Lec. 57-41 So.Cal.Vanc.  
86. leopardus Horn 70-124 Me.E.Can.  
87. inutilis Horn 87-50 Cal.Or. [Nfld.  
88. pumilio Schm. 07-201 N.Mex.  
pumilus || Horn 87-50  
89. terminalis Say 23-213 M.St.-Tex.  
90. plutonicus Fall 07-245 N.Mex. [Ind.  
91. eruentatus Lec. 78-456 Ariz. N.Mex.  
92. rufipes (L.) 58-353 N.C.†Md.Pa.  
Eur. Sib.  
93. depressus (Kug.) 92-262 †N.Y.?Eur.  
Sib.  
K.  
94. scabriceps Lec. 78-457 Colo.  
95. longitarsis Fall 07-246 Tex. Man.  
96. asellus Schm. 07-201 Tex.  
nanus || Horn 87-55  
97. acerbus Horn 87-56 Tex.  
L.  
98. rubripennis Horn 70-132 Can.Pa.Md.  
99. subtruncatus Lec. 78-457 Colo.Neb.  
Ariz.  
13200. walshi Horn 70-132 Ill.Kan.Ind.  
01. femoralis Say 23-215 Mass.-Tex.  
Ind.  
02. prodromus (Brahm) 90-3 †Me.Can. Eur.  
03. tenuistriatus Horn 87-60 S.W.Tex. [Sib.  
M.  
04. oblongus Say 23-215 Pa.-Colo.Ind.  
badipes Melsh. 44-135  
05. sparsus Lec. 78-458 Cal.  
blaisdelli Fall 05-129 Cal.  
06. ovipennis Horn 70-133 Cal.  
07. humeralis Lec. 78-458 Mich.Md.  
08. dialytoides Fall 07-247 N.C. Mass.  
\*  
09. suspectus Mann. 11-107 Wash.  
— cadaverinus Mann.43-261 Cal.  
— innexus Say 37-177 Mex.  
flavocinetus Harold 60-614 Cal.  
— nigrieans Westw. 43-93 Am.  
**Oxyomus** Cast. 40-98  
13210. silvestris (Scop.) 63-5 †Eur. N.Y. Pa.  
porcatus (Fab.) 75-20  
opacifrons Horn 71-284



## EUPARIINI

**Euparia** Serv. 25-35713211. *castanca* Serv. 25-357

Fla. Ala. La.

**Atænius** Harold 67-10013212. *insculptus* Horn 87-70  
*sculptilis* † Lec. 78-402

Fla.

13. *cylindrus* Horn 71-289  
*horni* Harold 74-19

N.C.-Fla.

14. *lecontei* Harold 74-20

D.C.-La. Ind.

15. *lucanus* Horn 71-288

L.Cal.

16. *abditus* (Hald.) 48-106

Fla. Mass. Ariz.

*attenuator* Harold 74-22

So. Cal. Ind.

a. *texanus* Harold 74-23

So. Am.

*confertus* Fall 09-162

Tex. Ariz.

17. *desertus* Horn 71-289

L. Cal.

18. *inops* Horn 87-73

Utah, Ariz.

19. *læviventris* Horn 87-74

So. Cal.

20. *imbricatus* (Melsh.) 44-136

Ariz. Tex. Ind.

*sordidus* Harold 69-103

So. Ariz.

21. *alternatus* (Melsh.) 44-147

Mass. Tex. Ind.

22. *socialis* Horn 71-287

[Fla.]

23. *puncticollis* Lec. 68-66

Fla. Pa.-Tex.

Ind.

Ga. La. Tex.

Tex.

**Atænius** Harold13224. *wenzeli* Horn 87-77

N.J.-Fla.

25. *ovatus* Horn 71-286

Pa.-La. Fla.

26. *gracilis* (Melsh.) 44-137

Ind. Mass.-Fla.

27. *figurator* Harold 74-24

So. Cal. Ariz.

28. *robustus* Horn 71-285

Ga. La. Tex.

29. *oblongus* Horn 71-286

Wis. Mo. Kan.

30. *inquisitus* Horn 87-81

Cal.

31. *strigatus* (Say) 23-212

S.W. Tex. Fla.?

*spretulus* (Hald.) 48-106

Ga.-Colo. Fla.

32. *stercorator* (Fab.) 81-22

Fla.

33. *cognatus* (Lec.) 58-65

Fla. N. Eng.-

34. *californicus* Horn 87-84

Mex. Ariz. Ind.

35. *lobatus* Horn 71-287

So. Cal. Ariz.

36. *hirsutus* Horn 71-288

Ariz. L. Cal.

? *haroldi* Steinh. 72-556

Ariz. [So. Cal.]

San Luis, Mex.

**Dialytes** Harold 69-10113237. *truncatus* (Melsh.) 46-135

Can.-Md.

*corvinus* (Hald.) 48-10438. *ulkei* Horn 75-141

Can.-Md.

39. *striatulus* (Say) 25-192

Can. Md. Ill.

*cribrosus* (Lec.) 50-225

## PSAMMOBIINI

**Psammobius** Heer 41-531*(Psammobius* † auct.)13240. *cruentus* Harold 67-282

Ga. Fla.

*bidens* Horn 71-29341. *schwarzi* Linell 96-721

Fla.

42. *ægialioides* Hald. 48-107

N.Y.-Ga.

43. *quinqueplicatus* Horn 71-292

Ariz. Tex. Mex.

44. *interruptus* Say 35-178

Ind. M. St.

45. *cælatus* (Lec.) 57-42

Dak. Tex.

46. *desertus* Van D. 18-10

Cal So. Cal.

47. *hydropicus* Horn 87-97

So. Cal.

48. ? *clypeatus* (Say) 23-228

Ga.

49. ? *ambiguus* Fall 07-241

N.W. Terr.

50. ? *grundeli* Van D. 18-10

Tex.

Cal.

**Rhyssenus** Muls.13252. *californicus* Horn 71-290

So. Cal. Ariz.

53. *sonatus* Lec. 81-77

Ga. Fla.

54. *sonatus* Lec. 81-77

Ill. Kan. Colo.

55. *sonatus* Lec. 81-77

Mont.

**Trichiorhyssenus** Clouet 01-1513254. *riparius* (Horn) 71-290

Ariz.

*cælatus* (Lec.) 81-77

Wy. N. Mex.

**Pleurophorus** Muls. 42-31213255. *cæsus* (Creutz) 96-35

Cosmop. Md.

*rugiceps* (Dury) 02-154

D.C. Ind.

56. *parvulus* Chev. 64-415

Ohio

*nanus* † (Horn) 87-96

W.I. Mex.

57. *ventralis* Horn 87-92

Mass. Mich.

58. *ventralis* Horn 87-92

Cal.-Tex. Ariz.

59. *ventralis* Horn 87-92

So. Cal.

60. *ventralis* Horn 87-92

Can. D.C. Ind.

**Rhyssenus** Muls. 42-31413251. *scaber* Hald. 48-107

E. &amp; M. St.

## OCHODÆINÆ

Horn 68, 76; Fall 09; Arrow 12

**Ochodæus** Serv. 25-36013258. *pectoralis* Lec. 68-51

N. Mex. Ariz.

59. *gnatho* Fall 07-247

N. Mex. Ariz.

60. *simplex* Lec. 54-222

Tex.-Nev.

61. *planifrons* Schffr. 06-269

Ariz. [Ariz.]

62. *ulkei* Horn 76-182

Nev.

63. *musculus* (Say) 37-178

Mich. Man.

*opacus* Lec. 68-51 ♀

[Kan. Ind.]

*americanus* Westw. 52-6664. *striatus* Lec. 54-222

Ariz. N. Mex.

65. *inarmatus* Schffr. 06-270

Ariz.

66. *kansanus* Fall 09-34

Kan. N. Mex.

67. *biarmatus* Lec. 68-51

Kan. Tex.

N. Mex. Ariz.

**Ochodæus** Serv.13268. *peninsularis* Horn 95-224

L. Cal.

69. *californicus* Horn 95-224

So. Cal.

70. *præsidii* Bates 87-106

Mex. Ariz.

71. *repandus* Fall 09-36

Ariz. [N. Mex.]

72. *nimius* Fall 07-248

N. Mex.

73. *frontalis* Lec. 63-76

Tex. (Fla.?)

*complex* Lec. 68-51

N. Mex.

74. *mandibularis* Linell 95-723

Ariz. N. Mex.

75. *sparsus* Lec. 68-51

N. Mex. Colo.

76. ? *estriatus* Schffr. 06-271

Cal. [Ariz.]

— *duplex* Lec. 68-51

Tex.

## HYBOSORINÆ

Arrow 12

**Hybosorus** MacL. 19-120  
13277. *illigeri* Reiche 53-88  
    *carolinus* Lec. 48-84  
    *arator* Ill. 03-210

So. Eur. So. St.  
Asia, Africa

**Pachyplectrus** Lec. 74-53  
13278. *lævis* Lec. 74-54

So. Cal. Ariz.

## GEOTRUPINÆ

Schaeffer 06; Boucomont 12

## BOLBOCERINI

**Bolboceras** Kby. 18-459

(*Bradycinetus* || Horn 71-334)

(*Bradycinetulus* Ckll. 06-242)

13279. *horni* Rivers 86-61 Cal.

80. *minor* Linell 95-723 Tex.

(*Amechamus* Horn 70-42)

81. *fossatus* (Hald.) 53-362 Tex. (Mo.?)

82. *ferrugineus* (Beauv.) 05-90 Fla.

*furcicollis* Cast. 40-104

83. *serratus* Lec. 54-80 Tex. Ariz.

    a. *peninsularis* Schffr. 06-249 L. Cal. [So. Cal.]

84. *schaefferi* Boucm. 10-347 Ariz. L. Cal.

*carinatus* || Schffr. 06-249

**Odontæus** Klug 43-37

13285. *corniger* (Melsh.) 44-138 M. & C. St. Ind.  
Fla.

86. *flicornis* (Say) 23-211 M. & C. St. Ind.

87. *obesus* Lec. 59-282 Cal. [Fla.]

**Bolbocerosoma** Schffr. 06-254

13288. *farctum* (Fab.) 75-14 Atl.-Colo. Ind.

*cephus* (Fab.) 75-18 [Fla.]

    a. *tumefactum* (Beauv.) 05-91

**Eucanthus** Westw. 52-26

13289. *lazarus* (Fab.) 75-11 Atl.-Colo. Ind.

*melibœus* (Fab.) 92-20 [Fla. Ariz.]

## GEOTRUPINI

Jekel 65; Horn 68; Blanchard 88; Boucomont 12

**Geotrupes** Latr. 96-6

(*Anoplotrupes* Jek. 65-525)

13290. *balyi* Jek. 65-617 Conn. E. St.

*similis* Jek. 65-617 ♀

91. *horni* Blanch. 88-107 Mass. D. C.  
    N. C.

(*Peltotrupes* Blanch. 88-105)

92. *chalybeus* Lec. 78-402 Fla.

(*Cnemotrupes* Jek. 65-587)

93. *blackburni* (Fab.) 81-20 U. S. Ind. Fla.

*excrementi* Say 23-210 [Conn.]

*conicollis* Jek. 65-591 N. Am.

    a. *jekeli* Horn 68-317

94. *egeriei* Germ. 24-114 Conn.-Fla.

*lecontei* Jek. 65-592 ♀ Mass.

95. *occidentalis* Horn 80-144 Cal.

96. *opacus* Hald. 53-362 E. U. S. Ind.

*chevrolati* Jek. 65-595 Tex.

**Geotrupes** Latr.

*haldemani* Jek. 65-593 N. Am.

13297. *ulkei* Blanch. 88-106 Va.

(*Onychotrupes* Jek. 65-605)

98. *semiopacus* Jek. 65-612 N. Am. Conn.

*blackburni* ‡ Melsh. 44-139

*melsheimeri* Jek. 65-613 ♀ N. Am.

*ovalipennis* Jek. 65-614 ♀

99. *splendidus* (Fab.) 75-18 E. U. S. Ind. Fla.

*blackburni* ‡ Beauv. 05-75 [Conn.]

*gilnicki* Jek. 65-608 ♀ Haiti

*starki* Jek. 65-609 ♀ N. Am.

*miarophagus* Say 23-210

    a. *mixtus* Horn 68-316

(*Mycotrupes* Lec. 66-381)

13300. *lethroides* Westw. 37-256 So. St.

*retusus* Lec. 66-381 N. C. La. Fla.

*aeneus* Felsche 09-765

PLEOCOMINÆ<sup>1</sup>

Horn 88; Arrow 12

**Pleocoma** Lec. 56-24

13301. *rickseckeri* Horn 88-5

    02. *fimbriata* Lec. 56-24

    03. *puncticollis* Rivers 89-17

    04. *australis* Fall 11-65

    05. *bchrensi* Lec. 74-83

    06. *conjungens* Horn 88-7

    07. *badia* Fall 17-15

Cal. (Sylvania)

Cal. (El D.

Fresno Co.)

So. Cal. (Cuyama

maca Mts.)

Cal. (San

Gabriel Mts.)

Cal.

(Marin Co.)

Cal. (Sta. Cruz)

So. Cal.

**Pleocoma** Lec.

13308. *hirticollis* Schauf. 70-51

Cal. (Nev.

City)

09. *hoppingi* Fall 06-394

Cal. (Kaweah)

10. *ulkei* Horn 88-9

Utah

11. *staff* Schauf. 70-50

Cal.

*adjuvans* Cr. Check List 74

*edwardsi* Lec. 74-83

**Acoma** Csy. 89-165

13312. *brunnea* Csy. 89-167

Tex. Ariz.

<sup>1</sup> The position of this group is disputed. Some authors place it in Melolonthinæ. See Proc. Ent. Soc. Wash. I, 32. Acoma has, in particular, been placed near Podalasia.

## GLAPHYRINÆ

Arrow 12

**Amphicoma** Latr. 07-118  
(*Lichnanthe* Burm. 44-26)  
(*Dasydera* Lec. 61-345)

13313. *lupina* (Lec.) 56-288 N.Eng.-Pa.  
14. *ursina* (Lec.) 61-345 Cal. So. Cal.  
15. *vulpina* Hentz 26-374 N.H.N.Eng.-  
N.Y.N.C.Ct.

**Amphicoma** Latr.13316. *edwardsi* (Horn) 70-77Nev.Or.Wash.  
So. Cal.17. *canina* (Horn) 64-167

So. Cal. Nev.

18. *cooperi* (Horn) 67-164

Or. [Or. Wash.

19. *rathvoni* (Lec.) 63-76Nev. Cal.  
Wash.

## ACANTHOCERINÆ

Arrow 12

**Clæotus** Germ. 43-129

13320. *aphodioides* (Ill.) 00-109 Fla. Ga. Tex.  
*latipes* (Germ.) 24-114 Mex. Ind.  
*splendidus* (Say) 35-180  
*lævistriatus* (Cast.) 40-109  
21. *globosus* (Say) 35-179 N.Y. Ala. Mex.  
*puncticollis* (Germ.) 43-140 [Ind. Fla.]

**Acanthocerus** MacL. 19-136

(Sphæromorphus Germ. 43-111)

13322. *æneus* MacL. 19-137

Fla.

?volvox Er. 43-123

Ga.

TROGINÆ<sup>1</sup>

Leconte 54; Horn 74; Fall 07; Arrow 12

**Glaresis** Er. 48-925

13323. *ecostata* Fall 07-23 So. Cal.  
24. *phoenicis* Fall 07-24 Ariz.  
25. *inducta* Horn 85-117 S.W. Tex.  
26. *mendica* Horn 85-117 Ariz.

**Trox** Fab.13334. *gemmulatus* Horn 74-8

So. Cal.

35. *sonoræ* Lec. 54-211

Kan. Tex. Ariz.

*alternans* || Lec. 54-212*lecontei* Harold 72-15636. *erinaceus* Lec. 54-212

Fla. N. J. Ga.

37. *capillaris* Say 23-238

Okla. Ind.

38. *unistriatus* Beauv. 05-175

Can.-N. Mex.

*porcatus* Say 25-193

Ind.

39. *sordidus* Lec. 54-211

Can. Ga. Kan.

40. *insularis* Chev. 64-416

Ind.

*foveicollis* Harold 72-181

Cuba, Fla.

41. *terrestris* Say 25-192

Ill. Mo. Kan.

42. *æqualis* Say 32-5

Ind.

43. *fascifer* Lec. 54-213

N. J.-Fla. Ohio

44. *scaber* (L.) 67-573

Ind.

*variolatus* Melsh. 46-138

Can.-La. Ind.

45. *atrox* Lec. 54-214

Cal.

46. *laticollis* Lec. 54-213

Cosmop. Ind.

47. *striatus* Melsh. 46-137

Fla.

*variolatus* Melsh. 46-138

So. Am. Eur.

45. *atrox* Lec. 54-214

Asia

46. *laticollis* Lec. 54-213

Colo. Kan. Ill.

47. *striatus* Melsh. 46-137

Ind. So. Cal.

45. *atrox* Lec. 54-214

N. Y.

46. *laticollis* Lec. 54-213

[Ariz.]

47. *striatus* Melsh. 46-137

Pa.

## MELOLONTHINÆ

Leconte 56; Dalla Torre 12

CHASMATOPTERINI

**Oncerus** Lec. 56-28313348. *floralis* Lec. 56-284

Cal. So. Cal.

**Oncerus** Lec.13349. *convergens* Horn 94-394

L. Cal.

<sup>1</sup> This subfamily should probably be raised to family rank.



**Podolasia** Harold 69-122  
(*Lasiopus* ‡ Lec. 56-282)  
13350. ferruginea (Lec.) 56-283 Tex.

**Chnaunanthus** Burm. 44-31  
13351. palmeri Horn 94-393 Utah

**Chnaunanthus** Burm.  
13352. discolor Burm. 44-32 Mex. & L. Cal.

**Pseudacratus** Dalla Torre 12-7  
(*Acratus* ‡ Horn 67-165)  
13353. flavipennis Horn 67-166 Ariz.

## SERICINI

Leconte 56; Brenske 97, 02

**Serica** MacL. 19-146  
(*Camptorhina* Kby. 37-128)  
(*Stilbolema* Harris 26-6)

## A.

13354. vespertina (Gyll.) 17-180 M.S.E.St. Ind.  
atracapilla (Kby.) 37-129 [Fla.  
55. georgiana Leng 11-214 Ga.  
56. evidens Blatch. 19-153  
carinata || Blatch. 10-957 Ind.  
57. intermixta Blatch. 10-957 Ind.  
58. texana Lec. 56-274 Tex.  
59. atratula Lec. 56-274 Tex.  
60. serotina Lec. 56-275 Cal.

## B.

61. iricolor (Say) 24-246 M.St. Fla.  
62. fimbriata Lec. 56-275 So. Cal.  
63. tristis Lec. 50-226 L. Sup.  
64. sericea (Ill.) 02-75 N. Am. M. & S.  
St. Ind. Fla.

**Serica** MacL.

chrysomelina (Gmel.) 88-1566  
?variabilis (Fab.) 76-210  
parallela Csy. 84-176 N.J.  
13365. curvata Lec. 56-276 Kan. Ariz.  
66. elongatula Horn 70-77 Cal. So. Cal.  
porcula Csy. 84-177 Ariz.  
67. mixta Lec. 56-276 So. Cal.  
68. alternata Lec. 56-276 So. Cal.  
69. anthracina Lec. 56-276 Or.  
crassata Walk. 66-323 Vanc.  
70. frontalis Lec. 56-276 Or.  
71. valida Harold 69-123 Cal.  
robusta ‡ Lec. 56-276  
72. trociformis Burm. 44-179 N. Am. M. & S.  
trogiformis (Uhler) 55-415 [St. Ind.  
?aphodiina (Billb.) 20-386  
73. pilifera Horn 94-397 L. Cal.  
— parvula Blanch. 50-82 N. Am.

## LIPARETRINI

**Hypotrichia** Lec. 62-137  
13374. spissipes Lec. 62-137 Fla.

## MELOLONTHINI

**Alobus** Lec. 56-273  
13375. fulvus Lec. 56-273 N.Y.

**Diplotaxis** Kby. 37-129  
(*Orsonyx* Lec. 56-265)  
13376. sordida (Say) 25-197 Me.-Ga. Mich.  
castanea Burm. 55-262 [Ind.  
77. rugosoides Schffr. 07-61 N.H. N.C.  
78. mimosæ Fall 09-22 So. Ariz.  
79. popino Csy. 85-179 So. Ariz.  
80. cribrulosa Lec. 56-270 Tex. [N. Mex.  
81. arizonica Schffr. 07-63 So. Ariz.  
82. bowditchi Fall 09-25 Mo.  
83. villosa Fall 09-26 Tex.  
84. puberula Lec. 63-80 Tex. Ariz.  
85. brevisetosa Linell 96-400 Tex.  
86. muricata Schffr. 07-62 Tex.  
87. hispida Fall 09-29 N. Mex.  
88. sparsesetosa Schffr. 07-63 Tex.  
89. knausi Schffr. 07-64 Nev. Utah,  
90. fissilabris Fall 09-32 So. Ariz. [Ariz.  
91. schæfferi Fall 09-32 Tex.  
92. mentalis Fall 09-33 Tex. N. Mex.  
93. conformis Fall 09-34 Colo. No. Ariz.  
94. residua Fall 09-34 Id. B.C.  
95. tenebrosa Fall 09-35 Neb.-Wash.  
96. costulata Fall 09-36 Ariz.  
97. brevicollis Lec. 56-267 Vanc.-Ariz.  
nigropicea (Walk.) 66-322  
98. semifoveata Fall 09-38 So. Ariz.  
99. parvicollis Fall 09-38 Colo. N. Mex.  
13400. levicoxa Fall 09-39 Utah-Cal.

**Diplotaxis** Kby.

13401. haydeni Lec. 56-272 N. Mex.-Mont.  
innocia Lec. 56-273  
02. dentella Fall 09-41 Ariz.  
03. insignis Lec. 61-346 Utah  
04. belfragei Fall 09-43 Tex. Utah  
a. sinuata Fall 09-44 N. Mex. Utah  
05. atlantis Fall 09-44 N.H.-Va.  
06. sierræ Fall 09-45 Cal. Nev.  
07. parallela Fall 09-46 N. Mex. Colo.  
08. obscura Lec. 59-9 Dak. Alb.-  
consequens (Walk.) 66-322 Vanc. [Colo.  
a. prominens Fall 09-47 Colo. Utah,  
b. compacta Fall 09-48 Utah [N. Mex.  
09. tristis Kby. 37-130 54° N.S.-Mich.  
corpulenta Burm. 55-263 [Ariz.?  
10. liberta (Germ.) 24-123 Mass.-Ga.  
mæsta (Say) 25-197  
georgiæ Blanch. 50-171  
11. subcostata Blanch. 50-271 Pa. Fla. Tex.  
castanea Burm. 55-262  
12. rufa Linell 95-725 Ga. Fla.  
13. frontalis Lec. 56-268 Ga. S.C. Fla.  
14. excavata Lec. 56-267 S.C. Ga. Fla.  
15. densicollis Fall 09-52 S.C. [La.  
16. subangulata Lec. 56-271 So. Cal. Or.  
Kan. Cal. B.C.  
a. californica Schffr. 07-66 Cal.  
17. atratula Lec. 56-270 N. Mex. Ariz.  
18. connata Schffr. 05-158 So. Ariz.  
19. macronycha Fall 09-55 N. Mex. Ariz.  
20. pacata Lec. 56-272 Ariz. So. Cal.

**Phyllophaga**<sup>1</sup> Harris 26-6  
Smith 88; Horn 87; Glasgow 16

(*Lachnosterna* Hope 37-99)  
(*Endrosa* Lec. 56-234)  
(*Gynnis* Lec. 56-262)  
(*Ancylonycha* Blanch. 45-216)  
(*Trichestes* Blanch. 50-141)

I.  
(*Tostegoptera* Blanch. 50-449)

13472. lanceolata (Say) 23-242 Kan.-Tex.  
Colo. N.Mex.

II.  
(*Eugastra* Lec. 56-233)

73. epigæa Wickh. 03-71 Tex.  
74. cribrosa Lec. 53-231 Tex.  
ventricosa Lec. 53-440  
75. æqualis Lec. 53-440 Tex.  
?exorata Horn ♀ 87-278  
76. farcta Lec. 56-238 Tex.

III.  
77. torta Lec. 56-239 Tex. N.Mex.  
78. hamata Horn 87-220 Tex.

IV.  
79. latifrons Lec. 56-241 Fla.  
80. ?generosa Horn 87-222 Tex.  
81. georgiana Schffr. 09-382 Ga.  
82. prætermisssa Horn 87-223 La.  
definita Sm. 88-501 S.C. Kan. Ky.  
83. prununculina (Burm.) 55-360 Ga. Fla.  
cerasina Lec. 56-241  
84. elongata Linell 96-725 Fla.  
85. parva Linell 96-726 Fla.?  
86. glaberrima (Blanch.) 50-136 Pa.Fla.Ill. Ky.  
Del. N.J.  
87. ephilida (Say) 25-196 Ind. Can.-Fla.  
burmeisteri Lec. 56-242 [Tex.  
88. uniformis (Blanch.) 50-133  
carolina Fall 12-43 N.C.  
89. forbesi Glasgow 16-378 So.Ill.  
90. arkansana Schffr. 06-257 Ark. Ala.  
lenta Fall 08-162 Ala.

V.  
91. longitarsis (Say) 23-241 Ind. Ill. Mont.  
92. frontalis Lec. 56-239 [N.Mex.  
93. clemens Horn 87-144 (?N.J.) Fla.  
dispar ‡ Lec. 56-240 [Tex.

VI.  
94. dispar (Burm.) 55-361 Fla.  
boops Horn 87-284 No.Ga. Fla.  
95. debilis Lec. 56-262

VII.  
96. gracilis (Burm.) 55-361 Ind. Can.N.C.  
volvula (Lec.) 56-235 [Tex.  
inana Lec. 56-242  
97. futilis Lec. 50-226 Can. Va. Kan.  
gibbosa (Burm.) 55-324 [Ind.  
serricornis Lec. 56-247  
decidua Lec. 56-246  
98. hirtiventris Horn 87-231 Tex.  
99. congrua Lec. 56-243 N.Y.Mo.Tex.  
13500. postrema Horn 87-233 Fla.  
01. prunina Lec. 56-251 Ind. Mich.  
Kan. Ala. Tex.  
pruinosa || (Melsh.) 46-140  
fraterna ‡ (Burm.) 55-332

<sup>1</sup> All author's names except those of Glasgow and Harris should be in parentheses.

**Phyllophaga Harris**

## VIII.

13502. calceata Lec. 56-250 Tex.

## IX.

03. crassissima (Blanch.) 50-133

N.Y.-Tex.

obesa Lec. 56-251

robusta Lec. 56-257 ♀

?generosa Horn 87-222

Tex.

04. subpruinosa Csy. 84-38

Fla. Pa. L.I.

05. errans Lec. 59-283

Nev. Or.

06. inversa Horn 87-241

Ind. Ill.-Tex.

Va.

07. bipartita Horn 87-242

Mont.-Tex.

La.

08. micans (Knoch) 01-77

Ind. Mass.-La.

09. diffinis (Blanch.) 50-138

Fla. Ky. [Fla.

comans Burm. 55-358

Ga. S.C. Fla.

sororia Lec. 56-246

rufiola Lec. 56-256

10. vehemens Horn 87-244

Kan. Ind.

11. fusca (Frolich) 92-99

Ind. H.B.T.-

fervens (Gyll.) 17-74

[Ga.-Cal. Nfld.

12. ulkei Sm. 88-94

Tenn.-Fla.

13. quadrata Sm. 88-94

Fla.

14. horni Sm. 88-95

Ind. D.C.-Ohio

15. fervida (Fab.) 81-36

quercina (Knoch) 01-74

arcuata Sm. 88-183

Ind. D.C.N.Y.

N.J. Mo. Ia.

[Ga.

16. anxia Lec. 50-226

brevicollis (Blanch.) 50-132

puncticollis (Blanch.) 50-133

cephalica Lec. 56-245

uninotata Walk. 66-323

dubia Sm. 88-183

Ind. Mass.-

Tex.-Cal.

N.J. Ill.

insperata Sm. 89-93

alpina Linell 97-726

17. drakei Kby. 37-133

consimilis Lec. 50-226

grandis Sm. 88-181

Ind. N.S.-Tex.

18. karlsioei Linell 98-400

Ark.

\* \*

19. barda Horn 87-248

N.C.

20. marginalis Lec. 56-250

Ind. N.Y.-Wis.

21. spreta Horn 87-250

Md. Ia. [Ga.

22. fraterna Harris 42-29

Ind. Me.-Ia.

N.C. Fla.

cognata Burm. 55-323

N.Y.N.J.N.C.

La. Neb.

23. forsteri Burm. 55-325

N.Y. N.J.-

semicribrata Lec. 56-247

Ga.? [Conn.

lugubris Lec. 56-248

lutescens Lec. 56-249

politula Horn 87-248

?

nova Sm. 89-95

Ind. N.Y.D.C.

N.C.

\*\*\*

24. infidelis Horn 87-253

Ga.-Fla.

25. luctuosa Horn 87-254

S.C. Fla.-La.

26. corrosa Lec. 56-249

Ill. Tex. Dak.

affinis Lec. 56-252

[Minn.

27. scitula Horn 87-256

Tex.

28. knochi (Gyll.) 17-75

Mass.-Ga.

Kan. Tex.

29. profunda (Blanch.) 50-132

Tex. D.C. Va.

biimpressa Sm. 89-97

Kan. [La.

grandior Linell 97-727

La.

**Phyllophaga Harris**

13530. rugosa (Melsh.) 46-140

31. rugosoides Linell 97-728

Mass.-Colo.-

L.I. [Tex. Ind.

## X.

32. hirsuta (Knoch) 01-78

Mich.-N.C.

33. longispina Sm. 89-97

S.C. Mich.

34. implicita Horn 87-262

Ind. Can.-La.

minor Linell 97-728

Kan. [Minn.

35. balia (Say) 25-194

Ind. M.St.-Ill.

comata Burm. 55-337

36. villifrons Lec. 56-255

Ind. Can.-Ia.

hirticeps Lec. 56-255 ♀

Ga.? [Va.

37. nitida Lec. 56-256

Ga.-Pa.

limula Horn 87-264

H.B.T.-Ill.

innominata Sm. 89-98

## XI.

38. hirticula (Knoch) 01-79

Ind. Atl.-Tex.

hirsuta ‡ Say 23-243

39. delata Horn 87-267

Ky.-Ind.

40. ilicis (Knoch) 01-75

Ind. N.Y. Ga.

porcina Hentz 30-256

[Ill. Conn.

fimbriata Burm. 55-326

ciliata Lec. 56-253

Wis. Ill. Mo. Ga.

41. subtonsa Lec. 56-254

N.Y.

## XII.

(? *Holotrichia* Hope 37-99)

42. æmula Horn 87-271

No. Ga. Fla.

43. arcta Horn 87-271

Tex.

44. crenulata (Frœl.) 92-94

Ind. Mass.-

georgicana (Gyll.) 17-77

[Okla. Fla.

45. albina (Burm.) 55-328

Ind. Miss.

46. vetula Horn 87-274

Ariz. N. Mex.

47. rubiginosa Lec. 56-259

Kan. Tex.

48. parvidens Lec. 56-259

Ga. Fla. (Tex.?)

49. pygidialis Schffr. 06-257

Fla.

50. lobata Fall 08-163

Ariz.

## XIII.

51. submucida Lec. 56-260

W. Tex.

52. glabricula Lec. 56-260

Kan. Tex.

53. fucata Horn 87-278

So. Ariz.

54. ?exorata Horn 87-278

Tex.

## XIV.

55. ignava Horn 87-280

Tex. N. Mex.

## XV.

56. quercus (Knoch) 01-72

M. St. Ga. Fla.

57. inepta Horn 87-282

Ohio

58. affabilis Horn 87-283

Kan.

59. clypeata Horn 87-145

Ga. Fla.

integra || Lec. 56-258

60. ecostata Horn 87-284

S.W. Tex.

## XVI.

61. crinita (Burm.) 55-359

Tex. Mex.

glabripennis Lec. 56-260

62. antennata Sm. 89-99

Tex.

63. tristis (Fab.) 81-39

Fla. Ind. Atl.-

pilosicollis (Knoch.) 01-85

[Wash.

crinita ‡ Lec. 56-261

64. lenis Horn 87-287

Ariz. So. Cal.

## XVII.

65. heterodoxa Horn 87-289

So. Ariz.

66. latidens Schffr. 06-258

Ariz.

## XVIII.

67. tusa Horn 87-290

Tex.

68. maculicollis Lec. 63-76

L. Cal.

69. nitidula Lec. 63-77

L. Cal.

— longicornis Blanch. 50-134 N. Am.?



**Listrochelus** Blanch. 50-141

13570. *disparilis* Horn 78-141 Colo. N.Mex.  
 71. *flavipennis* Horn 85-123 Ariz. [Ariz.  
 72. *puberulus* Lec. 63-78 L.Cal.  
 73. *carminator* Horn 94-398 L.Cal.  
 74. *scoparius* Lec. 56-264 Ariz.  
 75. *gracilis* Horn 85-123 Ariz.  
 76. *densicollis* Lec. 63-77 L.Cal.  
 77. *mucoreus* Lec. 56-263 L.Cal. So. Cal.  
 a. *texanus* Lec. 56-263 Ariz.  
 78. *pulcher* Linell 95-730 Tex.-So. Cal.  
 79. *obtusus* Lec. 56-264 Tex.  
 80. *opacicolis* Horn 78-145 Kan.  
 81. *tarsalis* Schffr. 08-319 Ariz. N.Mex.  
 82. *sociatus* Horn 78-146 Ariz. [Utah.  
 83. *knausi* Schffr. 07-67 Nev. Id. Or.  
 84. *timidus* Horn 78-146 Utah  
 85. *falsus* Lec. 56-264 Ariz.  
 86. *fimbripes* Lec. 56-264 Kan. Colo.  
 87. *senex* Horn 78-141 N.Mex.  
 Tex. [N.Mex.

**Phytalus** Er. 47-658

13588. *robustus* Horn 85-119 N.Mex. Ariz.  
 89. *cephalicus* Horn 85-120 Ariz.  
 90. *pallidus* Horn 85-120 Ariz.  
 91. *vexatus* Horn 85-120 Tex.  
 92. *debilis* Horn 85-120 Ariz.  
 93. *georgianus* Horn 85-120 Ga.  
 94. *cavifrons* Linell 95-729 Tex.

**Polyphylla** Harris 42-30

(Macranoxia Cr. 73-61)

13595. *cavifrons* Lec. 54-222 Mex. Ariz.?  
 96. *squamicauda* Csy. 14-324 Tex.  
 a. *molesta* Csy. 14-324 N.Mex.  
 97. *verecunda* Csy. 14-325 N.Mex.  
 98. *hammondi* Lec. 56-228 Kan. Ill. Ariz.?  
 99. *oblita* Csy. 14-326 Tex.  
 a. *impigra* Csy. 14-326 N.Mex.  
 13600. *subvittata* Lec. 56-229 Tex.  
 a. *bisinuata* Csy. 14-327 Tex.  
 01. *sejuncta* Csy. 14-328 N.Mex.  
 02. *proba* Csy. 14-329 Ariz.  
 03. *diffusa* Csy. 14-329 Ariz.  
 04. *pimalis* Csy. 14-330 Ariz.  
 05. *opposita* Csy. 14-330 Or.?  
 06. *adusta* Csy. 14-331 N.Mex.  
 07. *diffracta* Csy. 89-17 N.Mex.  
 08. *fuscata* Fall 08-161 Ariz.  
 09. *modulata* Csy. 14-333 Or.  
 10. *crinita* Lec. 56-230 Wash. Or. So.  
 a. *nigra* Csy. 14-334 Wash. ? [Cal.  
 b. *mystica* Csy. 14-334 Or.  
 11. *incolumis* Csy. 14-335 Cal.  
 a. *relicta* Csy. 14-336 Cal.

**Polyphylla** Harris

- b. *robustula* Csy. 14-336 So. Cal.  
 13612. *rugosipennis* Csy. 14-337 Ariz.  
 13. *laevicauda* Csy. 14-338 Ariz.  
 14. *arguta* Csy. 14-339 Utah  
 15. *sobrina* Csy. 14-339 Cal.  
 16. *latifrons* Csy. 14-340 N.Mex.  
 17. *speciosa* Csy. 89-17 Colo.  
 a. *acomana* Csy. 14-342 N.Mex.  
 18. *squamotecta* Csy. 14-343 Cal.  
 19. *pacifica* Csy. 95-607 Cal.  
 20. *decemlineata* (Say) 23-246 Kan. Colo.  
 N.Mex. So. Cal.  
 a. *parilis* Csy. 14-345 Wyo. [Ariz.  
 b. *laticauda* Csy. 14-345 Nev.  
 c. *reducta* Csy. 14-346 Wash.  
 21. *ruficollis* Csy. 14-346 So. Cal.  
 a. *castanea* Csy. 14-347 Cal.  
 b. *oregona* Csy. 14-348 Or.  
 c. *perversa* Csy. 14-348 Wash.  
 22. *matrona* Csy. 14-350 Ariz.  
 23. *occidentalis* (L.) 67-555 Va. N.C. Fla.  
 24. *variolosa* (Hentz) 40-256 Me.-N.J.  
 25. *comes* Csy. 14-352 Ky.  
 26. *gracilis* Horn 81-73 Fla.

**Thyce** Lec. 56-232

13627. *squamicollis* Lec. 56-232 N.Mex. Tex.  
 28. *carpenteri* Lec. 76-296 N.Mex. So. Cal.  
 29. *riversi* Csy. 95-608 So. Cal.  
 30. *crinicollis* Csy. 14-310 So. Cal.  
 31. *pistoria* Csy. 95-607 So. Cal.  
 32. *rotundicauda* Csy. 14-311 So. Cal.  
 33. *vestita* Csy. 14-312 So. Cal.  
 34. *blaisdelli* Csy. 92-19 So. Cal.  
 a. *nitidula* Csy. 14-313 So. Cal.  
 35. *fossiger* Csy. 89-172 So. Cal.  
 a. *brevitarsis* Csy. 14-314 So. Cal.  
 b. *ochreatea* Csy. 14-314 So. Cal.  
 c. *aperta* Csy. 14-315 So. Cal.  
 36. *angustula* Csy. 14-315 So. Cal.  
 37. *pulverea* Csy. 89-171 So. Cal.  
 38. *longipalpis* Csy. 14-317 No. Cal. Or.  
 39. *harfordi* Csy. 89-173 Cal.  
 a. *nanella* Csy. 14-318 Cal.  
 40. *squamosa* Csy. 14-318 Cal. So. Cal.  
 41. *fieldi* Fall 08-160 So. Cal.  
 42. *simplicipes* Csy. 14-319 Cal.  
 43. *angusticollis* Csy. 14-320 Cal.

**Dinacoma** Csy. 89-174

13644. *marginata* Csy. 86-285 Cal. So. Cal.

**Plectrodes** Horn 67-166

13645. *palpalis* Horn 80-146 Cal. So. Cal.  
 46. *pubescens* Horn 67-167 Cal.

## PACHYDEMINI

**Phobetrus** Lec. 56-227

13647. *comatus* Lec. 65-227 Cal. (So. Cal.?)  
 a. *testaceus* Lec. 61-346 Cal. So. Cal. Is.

**Phobetrus** Lec.

- collocatus* Walk. 66-321 Vanc.  
 13648. *centralis* Csy. 09-282 So. Cal.

## MACRODACTYLINI

**Dichelonyx** Harris 26-6

(Dichelonycha Kby. 37-133)

13649. *elongata* (Fab.) 92-170 Can. N.J. Kan.  
*elongatula* (Schön.) 17-210 [Ind.  
*hexagona* (Germ.) 24-124

**Dichelonyx** Harris

- linearis* (Gyll.) 17-186  
*virseens* Kby. 37-134  
 13650. *canadensis* Horn 76-186 Can.  
 51. *subvittata* Lec. 56-279 Me.-Minn. Ind.

**Dichelonyx** Harris

13652. *diluta* Fall 01-283 Mass.Va.Mich.  
Ind.  
53. *fuscata* Lec. 56-281 So.Cal. L.I.  
Ga. Mo. Ind.  
54. *testacea* Kby. 37-135 Vt.-Mont.Neb.  
55. *backi* Kby. 37-134 L.Sup.-Wash.  
56. *testaceipennis* Fall 07-249 N.Mex.  
57. *fulgida* Lec. 56-279 No.Cal.-Vanc.  
58. *oregona* VanD. 18-11 Or.  
59. *mormona* Fall 07-249 Utah, N.Mex.  
60. *crotchii* Horn 76-186 Cal. So.Cal.  
61. *vaga* Fall 01-285 Cal. Nev.  
62. *nana* Fall 01-286 So.Cal.  
63. *muscula* Fall 01-286 So.Cal.  
64. *longiclava* Fall 01-287 Cal.  
65. *pallens* Lec. 56-283 Cal.  
66. *robusta* Fall 01-288 Or.  
67. *clypeata* Horn 76-187 Cal.  
68. *truncata* Lec. 56-281 Neb.-So.Cal.  
69. *picea* Horn 94-396 L.Cal.  
70. *pusilla* Lec. 56-282 So.Cal.  
71. *decolorata* Fall 01-290 Cal.  
72. *valida* Lec. 56-281 Cal. Or.  
73. *vicina* Fall 01-291 Cal.  
74. *sulcata* Lec. 56-281 Colo. N.Mex.

**Dichelonyx** Harris

13675. *lateralis* Fall 01-292 Cal. Nev.  
76. *albicollis* Burm. 55-74 Can.Pa.Mich.  
Ind.

**Cœnonycha** Horn 76-192

13677. *rotundata* (Lec.) 56-281 Or.-So.Cal.  
78. *socialis* Horn 76-192 L.Cal. Is.  
79. *clementina* Csy. 09-281 L.Cal. Is.  
80. *ovipennis* Horn 76-193 Nev.  
81. *parvula* Fall 01-293 So.Cal.

**Gymnopyge** Linell 95-723

13682. *hopliæformis* Linell 95-723 So.Cal.  
83. *coquilletti* Linell 95-724 So.Cal.  
84. *pygmæa* Linell 95-724 Utah

**Macroductylus** Latr. 25-371

- (*Stenothorax* Harris 26-8)  
13685. *subspinosus* (Fab.) 75-39 Atl.-Colo. Va.  
*elongatus* || (Hbst.) 89-145 [Ind.]  
*polyphagus* Burm. 55-57  
*angustatus* Lec. 56-278 ♂  
*barbatus* Fitch 65-199  
86. *angustatus* (Beauv.) 05-30 So.St.-Pa. Ind.  
*setulosus* Lec. 56-277 ♀ Fla. [Ariz.?  
87. *uniformis* Horn 76-185 Ariz.

## HOPLIINI

Leconte 80

**Hoplia** Ill. 03-226

13688. *sackenii* Lec. 80-192 Cal. So.Cal.  
89. *callipyge* Lec. 56-285 Cal. So.Cal.  
90. *hirta* Lec. 80-193 Nev.  
91. *pubicollis* Lec. 56-285 So.Cal. Or.  
*convexula* Lec. 56-285 Cal.  
*mutata* Harold 70-1113 Or.  
*irrorata* || Lec. 57-40 Or.  
*oregona* Lec. 56-284 Kan. Utah  
92. *laticollis* Lec. 56-284 Cal. Nev.  
93. *dispar* Lec. 80-192 Atl.St. Ind.  
94. *trifasciata* Say 25-200 Va. [Nfld.  
*helvola* Melsh. 46-142 ♀

**Hoplia** Ill.

- primoria* Burm. 55-192  
a. *tristis* Melsh. 46-141 ♂  
13695. *trivialis* Harold 70-1115 Pa. N.Y. Ind.  
*debilis* || Lec. 56-285  
96. *mucorea* Germ. 24-129 Atl.St. Fla.  
*monticola* Melsh. 46-141 Pa.  
97. *limbata* Lec. 56-286 Ind. W.St.  
*modesta* Hald. 44-304 Nfld. Atl.St.  
*singularis* Burm. 55-192 [Ind.]  
a. *barbata* Blatch. 10-950 Ind.  
98. *equina* Lec. 80-193 Mass. Fla.  
99. *floridana* Fisher 18-140 Ind.

## RUTELINÆ

Casey 15

## ANOMALINI

Horn 84; Schaeffer 06, 07; Casey 15

**Rhombonalia** Csy. 15-5

- (*Rhombonyx* † auct.)  
13700. *cavifrons* (Lec.) 67-52 Tex. N.Mex.  
01. *comes* Csy. 15-6 Kan.  
02. *cochiseana* Csy. 15-7 Ariz.  
03. *transversa* Csy. 15-7 Tex.  
04. *carinifrons* Bates 88-249 Mex. & Ariz.  
05. *apacheana* (Wickh.) 13-30 Tex.  
06. *camancha* (Wickh.) 13-29 N.Mex.

**Anomalepta** Csy. 15-8

13707. *semilivida* (Lec.) 78-403 Fla.  
08. *flaccida* Csy. 15-10 Fla.

**Anomala** Sam. 19-191

(Paranomala Csy. 15-12)

- A.  
13709. *binotata* Gyll. 17-106 N.Y. Va. Kan.  
*unifasciata* (Say) 25-199 [Conn. Ind.]

**Anomala** Sam.

- marginella* Lec. 54-81 N.Mex.  
13710. *ellipsis* Csy. 15-15 Ariz.  
*luteipennis* Horn 84-159 (nec Lec.)  
11. *compacta* Csy. 15-15 La.  
12. *umbra* Csy. 15-16 N.J.  
13. *servilis* Csy. 15-16 Fla.  
14. *ludoviciana* Schffr. 06-3 La. Kan. Ind.  
*pubescens* Blatch. 10-984 Ind. [Fla.]

## B.

15. *minuta* Burm. 44-504 N.C. Fla.  
a. *mendica* Csy. 15-20 Fla.

## C.

16. *cincta* Say 35-181 Mex.  
a. *polychalca* Bates 88-236 Tex.  
17. *subquadrata* Csy. 15-21 Va. N.J.  
18. *stigmatella* Csy. 15-22 Kan.  
19. *luteipennis* Lec. 54-80 So.Tex.

**Anomala** Sam.

13720. *flavipennis* Burm. 44-249 N.C.-La. Ind.  
*dichroa* Melsh. 46-140  
 a. *modulata* Csy. 15-23 Kan.  
 b. *amissa* Csy. 15-24 ?  
 21. *peninsularis* Schffr. 06-3 L.Cal.  
 22. *nimbosa* Csy. 15-26 Ariz.  
   *?inconstans* Burm. 44-252  
 23. *delicata* Csy. 15-27 Ariz.  
 24. *clypealis* Schffr. 07-68 Ariz.  
 25. *centralis* Lec. 63-78 So.Cal. L.Cal.  
 26. *arida* Csy. 15-29 Ariz.  
 27. *papagoana* Csy. 15-30 Ariz.  
 28. *sagax* Csy. 15-30 Ariz.  
 29. *moquina* Csy. 15-31 Ariz.  
 30. *undulata* Melsh. 46-140 Va. Fla. Neb.  
   *maculata* (Cast.) 35-136 [Ind.  
   *varians* (Fab.) 01-173 pars.  
 31. *nigropicta* Csy. 15-33 N.C. Ky. Fla.  
   a. *canadensis* Csy. 15-33 Ont.  
   b. *floridana* Csy. 15-33 Fla.  
   c. *saginata* Csy. 15-34 Ind.-Kan.  
 32. *innuba* (Fab.) 87-22 Pa. Fla. Neb.  
   *dubia* Blatch. 10-984 Ind.  
   a. *piceola* Csy. 15-35 Fla.  
 33. *medorensis* Csy. 15-35 Kan.  
   D.  
 34. *antennata* Schffr. 06-1 N.Mex.  
 35. *tenera* Csy. 15-37 Ariz.  
   *?flavilla* Bates 88-226 Ariz. Mex.  
 36. *parvula* Burm. 44-247 Ga. Fla.  
   (*Oliganomala* Csy. 15-38)  
 37. *exigua* (Sz.) 78-362 Fla.  
   (*Anomalopus* Csy. 15-40)  
 38. *tibialis* Schffr. 06-5 Tex.

**Pachystethus** Blanch. 50-180  
 (*Spilota* || Burm. 44-266)  
 (*Pæcilsticta* Kr. 91-290)

**Pachystethus** Blanch

13739. *marginata* (Fab.) 75-164 Fla. Mo.  
   *annulata* (Germ.) 24-121 [N.Mex. Ind.  
 40. *incolumis* Csy. 15-43 Fla.  
   (*Hemispilota* Csy. 15-45)  
 41. *lucicola* (Fab.) 98-132 R.I.-Kan.Ind.  
   *mœrens* (Fab.) 01-174  
   *atrata* (Fab.) 01-174  
   *pinicola* (Melsh.) 46-141  
 42. *oblivia* (Horn) 84-163 N.C.  
   a. *maritima* Csy. 15-47 N.J.

**Strigoderma** Burm. 44-310

13743. *pimalis* Csy. 84-181 So.Ariz.  
   a. *prolixella* Csy. 15-53 So.Ariz.  
 44. *subrutilans* Csy. 15-54 So.Ariz.  
 45. *obesula* Csy. 15-54 Kan.  
   a. *quaternaria* Csy. 15-55 Kan.  
 46. *texana* Csy. 15-55 Tex.  
 47. *arboricola* (Fab.) 75-171 N.J. Can. Ind.  
   a. *puritana* Csy. 15-56 R.I.[Kan.Ariz.  
   b. *virginica* Csy. 15-56 Va.  
   c. *irregularis* Csy. 15-56 N.J.  
   d. *testaceipennis* Nonfried 93-295 Indian Res.  
 48. *viridicollis* Schffr. 07-72 N.Mex.  
 49. *angustula* Csy. 15-57 ?

**Strigodermella** Csy. 15-59

13750. *pygmæa* (Fab.) 98-133 N.J.-Fla.  
 51. *floridana* (Ohaus) 05-285 ♀ ?Fla.

**Alamona** Csy. 15-61

13752. *parviceps* Csy. 15-61 Tex.  
 53. *latitibia* Schffr. 07-71 Tex.

**Popillia** Serv. 25-367

13754. *japonica* Newn. 41-43 †N.J.

RUTELINI

Casey 15

**Pelidnota** MacL. 17-157

13755. *punctata* (L.) 58-557 Conn.Va.Ia.  
   a. *strenua* Csy. 15-72 Ind.? [Ind.  
   b. *brevis* Csy. 15-72 L.I.  
   c. *notata* Blanch. 50-212 Mex.Tex.Fla.  
 56. *oblonga* Csy. 15-73 La.  
   a. *ponderella* Csy. 15-73 D.C.  
   b. *debiliceps* Csy. 15-73 N.J.  
 57. *lutea* (Oliv.) 90-23 Fla.  
   a. *brevicollis* Csy. 15-74 Fla.  
   b. *pallidipes* Csy. 15-74 Va.-Miss.  
   c. *texensis* Csy. 15-74 Tex.  
   d. *hudsonica* Csy. 15-74 N.Y.  
 58. *tarsalis* Csy. 15-74 N.Y.  
 59. *lucæ* Lec. 63-78 L.Cal.  
 60. *lugubris* Lec. 74-54 Ariz.

**Plusiotis** Burm. 44-417

13761. *gloriosa* Lec. 54-221 Ariz. Tex.  
 62. *woodi* Horn 85-124 Tex.  
 63. *ampliata* Csy. 15-82 Ariz.  
 64. *beyeri* Skin. 05-289 Ariz.  
   a. *ocularis* Csy. 15-83 Ariz.

**Plusiotina** Csy. 15-84

13765. *angusta* Csy. 15-86 Ariz.

**Plusiotina** Csy.

13766. *lecontei* Horn 82-120 Ariz. N.Mex.

**Chrysina** Kby. 27-520

13767. *beckeri* Bates 89-411 Mex. Ariz.

**Cotalpa** Burm. 44-423

13768. *subcibrata* Wickh. 05-3 Kan.  
   69. *lanigera* (L.) 60-350 Conn.N.J.Ind.  
   a. *obesa* Csy. 15-90 Fla.  
   b. *vernica* Csy. 15-91 Ind. Ia. Wis.  
 70. *molaris* Csy. 15-90 Va. N.Y.  
 71. *consobrina* Horn 71-337 La.  
 72. *flavida* Horn 78-53 Ariz.  
 73. *tau* Wickh. 05-2 Utah, Ariz.  
   Ariz.

**Pocalta** Csy. 15-92

13774. *puncticollis* (Lec.) 63-78 N.Mex. Ariz.  
 75. *ursina* (Horn) 67-168 So.Cal.  
 76. *lævicauda* Csy. 15-95 So.Cal.  
 77. *brevis* Csy. 15-95 So.Cal.  
 78. *rotunda* Csy. 15-96 So.Cal.  
 79. *seriata* Csy. 15-96 So.Cal.  
 80. *rubripennis* Csy. 15-97 So.Cal.

† Introduced.



**Pocalta** Csy.

13781. nigripennis Csy. 15-97 So. Cal.  
 82. pubicollis Csy. 15-98 Utah  
 83. granicollis (Hald.) 52-374 Utah-Or.  
 So. Cal.

**Parareoda** Csy. 15-99

- (*Byrsopolis* ‡ auct. nec Burm. 44-425)  
 13784. rufobrunnea Csy. 15-100 Ariz.  
 85. arizonæ Ohaus 12-313 Ariz.  
 — ?lanigera Bates 88-291 Ariz.

**Parareoda** Csy.

- ?chihuahuæ Bates 88-291 Ariz.

**Rutela** Latr. 17-283

13786. formosa Burm. 44-383 W.I. Fla.

**Polymœchus** Lec. 56-23

13787. brevipes Lec. 56-24 Pa. N.Y. N.C.  
 Ill. Ind. Fla.  
 a. discernens Csy. 15-104 Ind.  
 88. conicicollis Csy. 15-104 Pa.

**DYNASTINÆ**

Casey 15

**CYCLOCEPHALINI****Anoplocephalus** Schffr. 06-259

13789. cribrifrons Schffr. 06-260 Ariz.

**Ancognatha** Er. 47-97

13790. perspicua Csy. 15-126 Ariz.  
 91. manca (Lec.) 66-382 Ariz.  
 92. zuniella Csy. 15-127 N.Mex.

**Spilosota** Csy. 15-130

- (*Cyclocephala* ‡ auct. nec Latr. 29-552 pars)  
 13793. lurida (Bland) 63-354 Tex. Ariz.  
 94. hirta (Lec.) 61-346 So. Cal.  
 95. magister Csy. 15-132 So. Cal.  
 96. pallidissima Csy. 15-133 Tex. N.Mex.  
 97. inconspicua Csy. 15-133 So. Cal. [Ariz.  
 — nigricollis Burm. 47-50 "N.Am." Ind.  
 — robusta Lec. 66-79 Tex.

**Ochrosidia** Csy. 15-141

I A.

13798. parallela Csy. 15-144 Fla.  
 99. protenta Csy. 15-144 Ala. La.  
 13800. rufifrons Csy. 15-145 Mo. Kan. Okl.  
 Tex.  
 01. immaculata (Oliv.) 90-29 Va. N.C.-Mo.  
 Kan. Ind.  
 nigrifrons (Panz.) 94 Fla. & Miss.  
 frontalis (Sturm) 43-116 [So. Cal. Ariz.  
 02. tenuicutis Csy. 15-146 Kan.  
 03. villosa (Burm.) 47-54 N.Y. Pa. Ala.  
 Ind. So. Cal.  
 04. puberula (Lec.) 63-80 Ga. Fla.  
 05. pagana Csy. 15-148 Iowa  
 06. pasadenæ Csy. 15-148 So. Cal.

**Ochrosidia** Csy.

13807. validiceps Csy. 15-148 So. Ariz.  
 08. arizonica Csy. 15-149 So. Ariz.  
 09. melina Csy. 15-149 N.Mex. Tex.  
 a. pusilla Csy. 15-150 Tex.  
 10. facilis Csy. 15-150 N.Mex.  
 11. ovulata Csy. 15-151 Ariz.  
 I B.  
 12. abrupta Csy. 15-152 Cal.  
 13. reflexa Csy. 15-153 Or.  
 14. phasma Csy. 15-153 So. Cal.  
 15. modulata Csy. 15-154 Ariz.  
 16. rugulifrons Csy. 15-154 Ariz.  
 17. ambiens Csy. 15-155 Ariz.  
 18. marcida Csy. 15-155 Tex.  
 19. obesula Csy. 15-156 Cal.  
 20. oblongula Csy. 15-156 Cal.  
 21. prona Csy. 15-157 Ariz.  
 22. rustica Csy. 15-157 Cal.  
 23. longula (Lec.) 66-79 L. Cal. So. Cal.  
 24. seditiosa (Lec.) 66-79 Miss. [Ariz.

**Dichromina** Csy. 15-160

13825. dimidiata (Burm.) 47-57 Ariz. So. Cal.  
 26. elegans (Horn) 71-337 L. Cal.

**Dyscinetus** Harold 69-123

- (*Chalepus* || MacL. 19-149)  
 13827. obsoletus (Lec.) 54-222 Ariz.  
 a. gilanus Csy. 15-168 Ariz.  
 28. puncticauda Csy. 09-282 Kan. Colo.  
 29. trachypygus (Burm.) 47-79 L.I. La. Ia. Ind.  
 a. discedens Csy. 15-171 Pa. [Fla. Conn.  
 30. borealis Csy. 15-171 N.Y.

**ORYCTINI**

(Pentodontini)

Casey 15

**Ligyrodes** Csy. 15-179

13831. clypealis Csy. 15-181 N.J.  
 32. parviceps Csy. 15-182 Ia.  
 33. quadripennis Csy. 15-182 Tex. La. Ill.  
 34. relictus (Say) 25-194 R.I.-Ia. Ind.  
 a. vernicicollis Csy. 15-183 Ia. [Fla.?

**Euetheola** Bates 88-314

13835. rugiceps (Lec.) 56-21 Ga.-Tex.  
 36. subglabra (Schffr.) 09-383 Ariz.

**Ligyris** Burm. 47-542

- I. (*Gryllus* Csy. 15-189)  
 13837. bryanti (Riv.) 91-97 L. Cal.

**Ligyris** Burm.

- ?laevicollis Bates 88-316 Fla. ?Mex.  
 II. (*Ligyris* s.str.)  
 (*Bothynus* ‡ Lec.)  
 13838. longulus Csy. 15-193 L.I.  
 39. virginicus Csy. 15-193 Va.  
 40. parallelus Csy. 15-194 Tex.  
 41. remotus Csy. 15-194 N.J.  
 42. texanus Csy. 15-195 Tex.  
 43. gibbosus (DeG.) 74-187 Conn. N.J. N.C.  
 La. Ind. So. Cal.  
 Ariz.  
 juvenicus (Fab.) 75-18 Fla. Ia. Kan.

**Ligyris** Burm.

- variolosus (Burm.) 47-121 Pa.  
 morio (Lec.) 48-87  
 a. puncticauda Csy. 15-195 Miss.  
 13844. breviusculus Csy. 15-196 N.J.  
 a. lacustris Csy. 15-196 N.Ill.  
 45. laticauda Csy. 15-197 No.Atl.St.  
 46. lætulus Csy. 15-197 Tex. Ia. Ind.  
 47. neglectus (Lec.) 48-87 Fla.  
 48. bicorniculatus Csy. 15-198 Kan.  
 49. rubidus Csy. 15-198 Colo.  
 a. lucublandus Csy. 15-199 Colo.  
 50. curtipennis Csy. 15-199 N.Mex.  
 51. effetus Csy. 15-200 N.Mex.  
 52. obsoletus (Lec.) 48-87 Colo.  
 53. arizonensis Csy. 15-201 Ariz.  
 54. spissipes Csy. 09-283 N.Mex. Tex.  
 55. brevipes Csy. 15-202 Tex.  
 56. lævicauda Csy. 15-202 N.Mex.  
 57. californicus Csy. 09-283 So. Cal.  
 a. laticollis Csy. 15-203 So. Cal.  
 58. scitulus Csy. 15-203 So. Cal.

III. (*Anagryllus* Csy. 15-204)

59. tumulosus (Burm.) 47-101 (?S.C.W.S.)  
 So. Cal.

**Oxygryllus** Csy. 15-208

13860. ruginasus (Lec.) 56-20 Tex.  
 61. pimalis Csy. 15-209 So. Ariz.  
 62. peninsularis Csy. 15-209 L. Cal.

**Pseudaphonus** Csy. 15-210

13863. debiliceps Csy. 15-211 Colo.  
 64. pyriformis (Lec.) 48-88 N.Mex.  
 65. ovalis Csy. 15-212 N.Mex.  
 66. repens Csy. 15-212 N.Mex.  
 67. lucidus Csy. 15-213 Colo. N.Mex.

**Aphonus** (Lec. 56-2)

(*Bothynus* ‡ Lec. pars.)  
 (*Podalgus* ‡ Melsh. pars.)

13868. tridentatus (Say) 23-209 Conn. Wis. Ark.  
 69. elongatus Csy. 15-215 Me. [Ind.  
 70. aterrimus Csy. 15-216 Me. N.H.  
 ?frater Lec. 56-22 N.J.  
 71. densicauda Csy. 15-216 Pa.  
 72. variolosus (Lec.) 48-88 Fla.  
 hydropicus (Lec.) 56-22  
 73. congestus Csy. 15-218 Ill. Mich.  
 74. politus Csy. 15-218 N.Y.  
 75. modulatus Csy. 15-219 Ind.  
 76. trapezicollis Csy. 15-219 N.C.  
 77. saginatus Csy. 15-220 Ala.  
 78. castaneus (Melsh.) 46-138 Md. Mass. R.I.  
 N.C. Fla.  
 obesus (Burm.) 47-119 N.Y.  
 79. cubiformis Csy. 15-221 L.I.

**Orizabus** Fairm. 78-260

(*Cheiroplatys* Bates nec Hope)

13880. ponderosus Csy. 15-225 N.Mex. Tex.  
 81. fontinalis Csy. 15-226 N.Mex.  
 82. clunalis (Lec.) 56-23 ♂ Ariz.  
 ligyroides Horn 85-125 ♀  
 83. snowi Horn 85-124 N.Mex.

**Anoplognathus** Riv. 89-101

(*Aphonides* Riv. 89-6)

13884. dunnianus Riv. 89-101 Tex. Ariz.

**Anastrategus** Csy. 15-231

13885. cessus (Lec.) 66-382 Ariz. N.Mex.  
 a. cavicauda Csy. 15-233 N.Mex.?  
 86. inflatus Csy. 15-234 Ariz.  
 87. tantalus Csy. 15-235 Ariz.  
 88. cognatus Csy. 15-236 Fla.  
 89. splendens (Beauv.) 05-89 N.C.-Fla.  
 90. carolinensis Csy. 15-237 N.C.

(Oryctini)<sup>1</sup>

## Casey 15

**Strategus** Hope 37-87

(*Strategus* s. str.)

13891. roosevelti Csy. 15-241 Tex.  
 92. julianus Burm. 47-133 Miss.-W. Tex.  
 a. arizonicus Schffr. 15-51 Ariz.  
 93. tarsalis Csy. 15-243 Tex.

(*Strategodes* Csy. 15-245)

94. divergens Csy. 15-246 Gulf St.  
 95. atrolucens Csy. 15-247 Fla.  
 96. antæus (Fab.) 75-9 Fla.-Ala.  
 97. pinorum Csy. 15-248 N.C. Ala.  
 98. septentrionis Csy. 15-249 N.J. (R.I.?)  
 99. sinuatus Csy. 15-250 Ala.

**Strategus** Hope

13900. semistriatus Csy. 15-250 Tex.  
 01. mormon Burm. 47-130 Kan.  
 ?bosci (Beauv.) 05-89 S.C.

**Xyloryctes** Hope 37-90

13902. satyrus (Fab.) 75-12 Conn.-Tex.  
 ?americanus (Beauv.) 05-75 N. Am.  
 03. ?verticalis (Fall) 05-272 N.Mex.  
 04. lacustris Csy. 15-255 Mich. L. Sup.  
 a. tenuicornutus Csy. 15-255 Neb.?  
 05. faunus Csy. 95-609 Ariz.  
 06. obsolescens Csy. 15-256 Wis.  
 07. hebes Csy. 15-257 N.Mex.

## DYNASTINI

## Casey 15

**Dynastes** Kby. 40-568

13908. tityus (L.) 58-542 Ind. Tex. Ala.  
 marianus (L.) 58-549 S.C. [Fla.  
 pennsylvanicus (DeG.) 74-309  
 a. corniger Sternberg 10-26 Tex. [S.C.  
 09. granti Horn 70-78 Ariz.

**Megasomus** Csy. 15-261

(*Megasoma* ‡ auct.)

13910. thersites (Lec.) 61-339 L. Cal.

<sup>1</sup> Casey's classification of 1915 (Mem. VI) is modified by a letter dated Jan. 8, 1918, reducing the rank of his former separation of the Pentodontini and Oryctini.

## PHILEURINI

Casey 15

**Phileurus** Latr. 07-103

13911. truncatus (Beauv.) 05-41 So.St. Fla.  
 12. vitulus Lec. 66-80 L.Cal.  
 13. illatus Lec. 54-80 Ariz. So.Cal.  
 14. phœnicis Csy. 15-267 Ariz.  
 15. puncticollis Csy. 15-268 So.Ariz.  
 16. texensis Csy. 15-268 Tex. La.  
 17. sulcifer Csy. 15-269 La.-Fla.  
 a. carolinæ Csy. 15-269 N.C.

**Phileurus** Latr.

13918. floridanus Csy. 15-270 Fla.  
 ?valgus (L.) 58-546 So.Am.&U.S.?  
 ?castaneus Hald. 44-304 Ala.? [Ind.Fla.]

**Archophileurus** Kolbe 10-334

13919. cribrosus (Lec.) 54-80 Tex.  
 20. bullatus Csy. 15-274 Tex.

## CETONIINÆ

Casey 15

## GYMNETINI

**Gymnetis** MacL. 19-153

13921. salléi Schaum 49-255 Tex.Mex.Ariz.  
 marmorea Burm 42-285 Mex.  
 tristis Burm. 45-551 Mex.  
 22. argenteola Bates 89-354 Mex. Ariz.  
 a. lætula Csy. 15-281 Ariz.  
 (Gymnetina Csy. 15-284)  
 23. cretacea Lec. 66-80 Ariz.

**Cotinis** Burm. 42-254

- (Allorrhina ‡ Burm. 42-251)  
 13924. texana Csy. 15-287 Tex.  
 mutabilis ‡ G.&P. 33-334 Mex.  
 25. arizonica Csy. 15-287 Ariz.

**Cotinis** Burm.

13926. abdominalis Csy. 15-288 Tex. Ariz.  
 27. debiliceps Csy. 15-289 Va.  
 28. longula Csy. 15-290 Ind.?  
 29. angustula Csy. 15-290 Va.  
 30. parvula Csy. 15-291 N.C.  
 31. nitida (L.) 64-26 Conn.-Va.-La.  
 flagranticeps Voet 66-16 [Ind. Fla.]  
 a. ornata Csy. 15-291 Tex.  
 b. tibialis Csy. 15-292 ?  
 c. pygidialis Csy. 15-292 Mo.  
 32. longitarsis Csy. 15-292 Tex.  
 a. seriella Csy. 15-293 Tex.  
 33. impia (Fall) 05-272 Ariz.

## CETONIINI

**Euphoria** Burm. 42-370

- I. (*Euryomia* ‡ auct.)  
 (*Erirhipis* Burm. 42-385)  
 13934. holochloris Fall 05-273 Ariz.  
 35. limbalis Fall 05-273 Fla.  
 fulgida var. Sz. 78-451  
 36. fuscocyanea Csy. 15-303 Tex.  
 37. fulgida (Fab.) 75-48 Ct.-Mich.-  
 Ind. [Tex.]  
 38. herbacea (Oliv.) 90-35 N.Y.-Md.  
 antennata (G.&P.) 33-177  
 pubera (Gyll.) 17-53  
 a. occidentalis Knaus 16-82 Kan.  
 39. testacea Csy. 15-305 N.Mex. Ariz.  
 a. rufina (G.&P.) 33-206 Ariz.  
 subtomentosa ‡ Mann. 37-135  
 histrionella ‡ Schffr. 07-74  
 — californica Lec. 66-80 (L.Cal.?)  
 ?leucographa ‡ auct. nec G. & P.  
 II. (*Erirhipidia* Csy. 15-308)  
 40. inda (L.) 64-27 Conn. Fla.  
 Neb. Ind. Ariz.  
 marylandica (Froel.) 92-116  
 barbata (Say) 23-239  
 brunnea (G.&P.) 33-267 Mex.  
 a. nigripennis Klages 94-198 Pa. Can.  
 41. rufobrunnea Csy. 15-309 N.Mex.-Wash.  
 42. schotti Lec. 53-441 Tex.  
 III. (*Haplophoria* Csy. 15-310)  
 43. clarki Lec. 53-441 Kan.-N.Mex.  
 44. wichitana Csy. 15-312 Kan.  
 45. connivens Csy. 15-312 Tex. Ariz.  
 46. kerni Hald. 52-374 Tex. N.Mex.  
 Colo.

**Euphoria** Burm.

13947. texana Schauf. 63-113 Tex. Kan.  
 48. æstiosa Horn 80-400 Kan. [Colo.]  
 IV. (*Euphorhipis* Csy. 15-314)  
 49. histrionica Thoms. 78-27 Ariz.  
 sonora Bates 89-374  
 50. scabiosa Csy. 15-316 Ariz.  
 V. (*Rhipiphoria* Csy. 15-316)  
 51. arizonica Schffr. 07-73 Ariz.  
 VI. (*Euphoria* s.str.)  
 52. nitens Csy. 15-320 Tex.  
 melancholica Horn nec G.&P. Fla.  
 53. sepulchralis (Fab.) 01-156 Tex. La. Mo.  
 reichei (G.&P.) 33-210 Mex. [Ind.Fla.]  
 a. kansana Csy. 15-321 Kan. La.  
 b. crinitula Csy. 15-321 So. Ill. Mo.  
 c. floridana Csy. 15-321 Fla.  
 d. cuprascens Csy. 15-322 Kan.  
 54. appalachia Csy. 15-322 Md.-No. Ala.  
 55. scolopacea Csy. 15-322 N.C.-Fla.  
 56. oxysternum Csy. 15-323 Ind.  
 57. fascifera (Lec.) 61-336 L.Cal.  
 a. trapezium Csy. 15-324 Ariz.  
 VII. (*Isorhipina* Csy. 15-326)  
 58. devulsa Horn 80-402 Tex.  
 VIII. (*Parisorhipis* Csy. 15-332)  
 59. insignis Csy. 15-333 Tex.  
 — ?discicollis Thom. 78-28 N. Am.

**Euphoriaspis** Csy. 15-333

13960. hirtipes (Horn) 80-401 Neb.



- Tropinota** Muls. 42-575  
 13961. *vestita* (Say) 25-201 Utah?Mass.  
     ?hirtella (L.) 58-556 Eur. Asia, Sib.  
     ?hirta Fab. 75-50
- Anatropis** Csy. 15-336  
 13962. *verticalis* (Horn) 80-400 N.Mex.So.Cal.
- Stephanucha** Burm. 42-394  
 13963. *pilipennis* Kr. 83-384 Kan.  
     64. *arcata* (Fab.) 75-50 N.J. Conn.  
     65. *thoracica* Csy. 15-339 Fla.

## CREMASTOCHEILINI

## Casey 15

- Psilocnemis** Burm. 42-676  
 13966. *leucosticta* Burm. 42-677 Md. N.C.  
     *polita* (Schaum) 44-397
- Genuchinus** Westw. 74-23  
 13967. *ineptus* (Horn) 85-127 Ariz. So.Cal.  
     68. *angustus* Csy. 15-344 Ariz.
- Lissomelas** Bates 89-376  
 13969. *flohri* Bates 89-376 Mex. Ariz.
- Macropodina** Csy. 15-344  
 13970. *planata* (Lec.) 66-81 Ariz.-Cal.  
     *depressa* (Horn) 71-340 So.Cal.  
     71. *ampla* Csy. 15-346 Cal.
- Cremastocheilus** Knoch 01-115  
 13972. *harrisi* Kby. 27-271 N.J. N.Y. Ct.  
     Can. Ill. Ind.  
     Fla.
73. *canaliculatus* Kby. 27-151 Mass.-N.C.  
     Can. Ga. Ill.  
     [Ct. Ind.]
74. *castaneæ* Knoch 01-115 N.Y.-N.C.  
     *lecontei* Westw. 74-60 [Colo. Ind. Ct.  
     Man.]
75. *pocularis* Csy. 15-350 Man.  
 76. *brevisetosus* Csy. 15-350 Iowa  
 77. *retractus* Lec. 74-54 Tex. Ia.  
     *walshi* Westw. 74-60
78. *incisus* Csy. 15-351 Colo. Kan.  
 79. *squamulosus* Lec. 58-17 Fla. N.C. Ga.  
     *junior* Westw. mss.
80. *variolosus* Kby. 26-516 M.St.N.C.Ct.  
     *sayi* Harris 25-388 Pa.  
     *cicatricosus* Westw. mss. S.C.  
     *percheroni* Westw. i.litt.
- (*Myrmeceicon* W. M. Mann 11-179)
81. *nitens* Lec. 53-232 Mo. Kan Neb.  
 82. *cribripennis* Csy. 15-354 So.Cal. [Ariz.?  
 83. *armatus* Walk. 66-320 Vanc.-No.Cal.  
     E.Wash.
- Cremastocheilus** Knoch  
 13984. *pilosicollis* Horn 79-390 So.Cal. Nev.  
     *maritimus* Csy. 15-355 Cal. [Or. Wash.  
     85. *densicollis* Csy. 15-355 No.Cal.  
     86. *obliquus* Csy. 15-356 Wash.  
     87. *montanus* Csy. 15-357 No.Cal. Or.  
     88. *congener* Csy. 15-357 Wash.  
     89. *angularis* Lec. 57-37 Cal.  
     90. *compressipes* Csy. 15-358 Cal.  
     91. *mexicanus* Schaum 41-256 Ariz.  
     92. *crinitus* Lec. 74-55 N.Mex. Tex.  
     So.Cal.
93. *bifoveatus* VanD. 18-14 Ariz. B.C.  
 94. *pugetanus* Csy. 15-359 Wash. Id. Ut.  
 95. *nochi* Lec. 53-231 Mo. Man.-  
     N.Mex.-Ill. [Ind.]
- crenicollis* Westw. 74-65  
     a. *gracilipes* Csy. 15-360 Kan.  
     b. *areolatus* Csy. 15-361 ?  
 96. *tibialis* Csy. 15-361 Ariz.  
 97. *schaumi* Lec. 53-231 So.Cal.  
     *crassipes* Westw. 74-204  
 98. *westwoodi* Horn 79-389 So.Cal.  
     *schaumi* Westw. nec Lec.  
 99. *tridens* Csy. 15-363 So.Cal.  
 14000. *quadratus* Fall 12-43 Ariz.
- Trinodia** Csy. 15-365  
 14001. *saucia* (Lec.) 58-16 Kan. Colo.  
     Neb. Tex.
02. *hirsutus* (VanD.) 18-13 Ariz.  
 03. *spinifer* (Horn) 85-126 Tex.  
 04. *opacula* (Horn) 94-399 L.Cal. Ariz.  
 05. *setosifrons* Csy. 15-368 Kan.  
 06. *quadricollis* Csy. 15-368 Tex.  
 07. *planipes* (Horn) 85-127 Ariz.
- (*Anatrinodia* Csy. 15-369)  
 08. *wheelcri* (Lec.) 76-516 Neb.Colo.Cal.  
     Mont. So.Cal.

## TRICHIINI

## Casey 15

- Osmoderma** Serv. 25-702  
 (*Gymnodus* Kby. 37-140)
14009. *delicatula* Csy. 15-373 Me.  
     10. *scabra* (Beauv.) 05-58 Conn.Md.Ind.  
     *beauvoisi* Bainb. 42-215  
     *foveatus* (Kby.) 37-140
- a. *rugosa* Kby. 37-140 Pa. N.Y.  
 b. *gracilipes* Csy. 15-374 Wis.  
 11. *caviceps* Csy. 15-374 Mich.  
 a. *lacustrina* Csy. 15-375 Mich.  
 12. *eremicola* Knoch 01-105 N.Y. Va. Mo.  
     Wis.Ind.Conn.
- a. *subplanata* Csy. 15-376 Mo.
- Osmoderma** Serv.  
 — *socialis* Horn 71-338<sup>1</sup>
- Gnorimella** Csy. 15-378  
 (*Gnorimus* † auct.)
14013. *maculosa* (Knoch) 01-109 Pa. Va. Ind.  
     *bigbyi* (Kby.) 27-155 [Fla.Conn.]  
     *dissimilis* (G.&P.) 33-102
- Roplisa** Csy. 09-284  
 14014. *floridana* Csy. 09-284 Fla.
- Trigonopeltastes** Burm. 40-406  
 14015. *delta* (Forst.) 71-7 N.C. Fla. Tex.

<sup>1</sup> Described from a series of *O. eremita* of Europe, erroneously labeled.



**Ceruchus** MacL.  
14061. *striatus* Lec. 59-85

Wash. Or. Cal.

**Nicagus** Lec. 60-139

14062. *obscurus* (Lec.) 48-86

N. Y. Ind.

### SINODENDRINÆ

**Sinodendron** Hellw. 94-391  
(*Ligniperda* Fab. 01-18)  
14063. *rugosum* Mann. 43-262

So. Cal. Or.  
Wash.

**Sinodendron** Hellw.

?*americanum* Beauv. 05-192

N. Am.

### PASSALIDÆ

**Passalus** Fab. 92-11  
14064. *cornutus* Fab. 01-256  
*disjunctus* Ill. 22-78  
*distinctus* Web. 01-79  
? *interruptus* L. 64-35

Conn. Fla. Tex.  
[Ind.]

**Neleus** Kaup. 69-30

14065. *tlascala* Perch. 35-45

Mex. L. Cal.

## CERAMBYCOIDEA

### CERAMBYCIDÆ

#### PRIONINÆ

Casey 12; Lamcere 13

#### PARANDRINI

**Parandra** Latr. 04-252  
(*Archandra* Lmr. 12-114)  
14066. *polita* Say 35-192  
*cylindrica* Thoms. 60-82  
(*Neandra* Lmr. 12-114)  
67. *brunnea* (Fab.) 98-49

C. Am. Mex.  
Ariz. So. St.  
[Ind. Va. Tex.]

Conn. Ind.  
So. Cal.

**Parandra** Latr.

*purpurea* (Hbst.) 99-21

N. J. Pa. Vt. Ga.

*sayi* Thoms. 67-114

Colo. Cal.

*quadricollis* Thoms. 67-114

*conformis* Thoms. 67-115

*dentata* Thoms. 67-115

*minuta* Thoms. 67-116

14068. *amplexus* Csy. 12-216

Ind.

69. *gravidula* Csy. 12-216

Pa. & Westw.

#### MACROTOMINI

*Archetypi*  
**Strongylaspis** Thoms. 60-313  
14070. *corticaria* (Er.) 48-571  
*scobinata* Thoms. 60-313

W. I. So. Fla.

*Basitoxi*  
**Archodontes** Lmr. 03-216  
(*Aplagiognathus* Thoms. 64-307 pars)  
(*Apagiognathus* ‡ err. typ.)  
14071. *melanopus* (L.) 67-623  
a. *cilipes* (Say) 23-327  
*simplicicollis* (Hald.) 47-30  
*biimpressus* (Hald.) 47-30  
*dasytismus* (Hald.) 47-31  
b. *serrulatus* (Lec.) 54-82

So. Atl. St. Ga.  
Fla. So. Cal.  
Tex.

Ariz. Tex.

(*Paramallus* Csy. 12-227)

72. *arizonicus* (Csy.) 12-228

Ariz.

*Stenodontes*  
**Stenodontes** Serv. 32-173  
(*Mallodon* Serv. 32-176)

**Stenodontes** Serv.

14073. *molarius* Bates 79-9

C. Am. Mex.-  
L. Cal.

74. *dasytismus* (Say) 23-326

Ga. La. Tex.

*melanopus* (Hald.) 47-31

[Fla. Va.]

*spinibarbis* (Hald.) 47-31

*costulatus* (Lec.) 52-111

*degeneratus* Thoms. 67-95

75. *debile* Csy. 12-222

Ala.

(*Nothopleurus* Lac. 69-125)

(*Opheltes* Thoms. 64-306)

76. *lobigenis* Bates 84-235

Mex. Tex. Cal.

*dentiger* Cr. Check List 73

[L. Cal.]

*gnatho* || Lec. 58-81

*mandibularis* Gemm. 72-254

So. Cal.

(*Stenodontes* s. str.)

77. *parallelus* Csy. 12-225

So. Fla.

? *exsertus* (Oliv.) 95-66

W. I. (Fla.?)

*mandibularis* (Fab.) 01-261

[Metac. Key]

*laevigatus* (Beauv.) 05-227

#### CALLIPOGONINI

**Ergates** Serv. 32-143  
(*Trichocnemis* Lec. 52-110)  
14078. *spiculatus* Lec. 52-110  
*californicus* White 53-37 ♂

No. Cal.-Vanc.  
[So. Cal.]

**Ergates** Serv.

*spiculiger* White 53-39 ♀

a. *ncomexicanus* Csy. 90-491

*marmoratus* Ckll. 90-161



## DERANCISTRINI

**Derancistrus** Serv. 32-181

(Elateropsis Chev. 62-269)

14079. scabrosus Gahan 90-29 Cuba & Fla.  
(Key West)

fuliginosus ‡ Chev. 62-271 nec Fab.

**Derancistrus** Serv.

(Sphenostethus Hald. 45-126)

14080. taslei Buq. 41-39 N.J.-La. Ind.  
N.C.Ky.M.St.

serripennis Hald. 45-126

## PRIONINI

*Derobrachi***Derobrachus** Serv. 32-154

(Orthosoma Serv. 32-155)

14081. brunneus (Forst.) 71-37 Ct. N.E.Am.  
Ind.unicolor (Drury) 73-83 N.Y. Atl.St.  
N.J. S.C. N.C.  
Ky. Ga. Fla.

pennsylvanicus (DeG.) 75-99

cylindricus (Fab.) 81-207

cylindroides (Gmel.) 89-1818

sulcatus (Oliv.) 95-66

amplians Csy. 12-231 Ind.

spadix Csy. 12-231 L.I.

(Derobrachus s.str.)

(Braderochus Lac. 69-74 pars)

14082. brevicollis Serv. 32-155 Ga. La. Fla.  
83. geminatus Lec. 53-233 Ariz. S.W.U.S.  
Tex.a. forreri Bates 84-230 So. Cal. Mex.  
L. Cal.*Prioni***Prionus** Fab. 75-159<sup>1</sup>14084. laticollis (Drury) 73-83 Ind. Can. Atl.  
St. D.C. N.Y.brevicornis Fab. 01-260 [N.J. Ga. La.  
N.Y.

kempi Csy. 12-233 Ind.

oblongus Csy. 12-234 ?

parvus Csy. 12-234 ?

validiceps Csy. 12-235 ?  
85. pocularis Dalm. 17-148 M. & So. St. Ind.  
Conn. Fla. Ga.  
[N.C.]

lævigatus Harris 36-83 Ga.

obliquicornis Lec. 52-108 ?

prolixus Csy. 12-239 Ind.

bicolor Csy. 12-239 Ga.

curticornis Lec. 52-109 So. Cal.-Or.

86. californicus Mots. 45-89 Or. Alas.

crassicornis Lec. 52-108 Cal.

a. lecontei Lmr. 12-244 N. Mex.

87. curvatus Lec. 59-19 Ariz.

spiculosus Csy. 12-240 Colo.

consors Csy. 12-240

**Prionus** Fab.

acomanus Csy. 12-241 N. Mex.

proximans Csy. 12-241 N. Mex.

angustulus Csy. 12-241 Ariz.

horni Lmr. 12-243 Ariz.

ineptus Csy. 12-242 Cal.

punctulatus Csy. 12-243 Ariz.

fissifrons Csy. 12-243 Ariz.

texanus Csy. 12-243 Tex.

terminalis Csy. 12-244 Ariz.

14088. heroicus Semen. 07-259 Ariz.

heros || Fall 05-274

tumidus Csy. 12-235 N. Mex.

vastus Csy. 12-236 Ariz.

tristis Csy. 12-236 N. Mex.

alutaceus Csy. 12-237 Ariz.

tetricus Csy. 12-237 N. Mex.

solidus Csy. 12-238 Colo.

(Neopolyarthron Semen. 99-255)

(Riponus Csy. 12-245)

89. imbricornis (L.) 67-622 Ind. Ill.-La.  
Fla. N.Y.

a. debilis Csy. 91-21 Ind. Mo. Kan.

diversus Csy. 12-247 Ind.

cuneatus Csy. 12-247 N.C.

mimus Csy. 12-248 ?

brunneus Csy. 12-248 N.C.

(Antennalia Csy. 12-249)

90. fissicornis Hald. 45-125 Colo. Neb. Tex.  
N. Mex. N.C.

parviceps Csy. 12-250 Tex.

transversus Csy. 12-251 Tex.

(Prionina Csy. 12-231)

91. palparis Say 23-327 Neb. Ark. Ariz.  
palpalis ‡ auct. [N. Mex.]

92. simplex Csy. 12-253 Kan.

(Homæsthesia Lec. 62-288)

93. integer Lec. 52-107 Colo. N. Mex.

94. emarginatus Say 23-327 Colo. N. Mex.

innocuus Lec. 62-43(? ♀) N. Mex.

95. pubicollis Csy. 12-254 Colo.

96. debiliceps Csy. 12-255 Colo.

## ANACOLINI

*Tragosomæ***Tragosoma** Serv. 32-15914097. depsarium (L.) 67-624 No. Eur. Sib. &  
N. Am.a. harrisi Lec. 52-107 Can. No. U.S.  
Nfld. Vanc.  
H.B.T. L. Sup.  
Ont. N.Y. Pa.  
Me. Or. Nev.  
Colo.**Tragosoma** Serv.b. spiculum Csy. 90-492 ♂ N. Mex. Ariz.  
pilosicorne Csy. 90-492 ♀ Cal.

<sup>1</sup> In cataloguing the names proposed by Casey in *Prionus*, the introductory paragraph on p. 215 of his Mem. III, stating that some apply to forms connected by intermediates and destined to speedy extinction, coupled with the suggestion on p. 245 that the abnormal characters employed to distinguish some might not prove constant with more material, has been assumed to warrant such doubt as to their standing, as to cause the omission of numbers.

CERAMBYCINÆ<sup>1</sup>

## Aurivillius 12

## DISTENIINI

**Distenia** Serv. 25-485

14098. undata (Fab.) 75-181 Ind. Fla. Conn.  
undulata (Gmel.) 90-1860

## SMODICINI

**Smodicum** Hald. 47-38

14099. cucujiforme (Say) 27-277 Tex. Atl. St.  
Ind. Fla. Pa.  
N.J. La. Va.  
cylindrides (Newn.) 38-394 [Conn.]

**Smodicum** Hald.

- a. convergens Csy. 12-269 Tex.

## SPONDYLINI

*(Spondylidæ Lec.)***Spondylis** Fab. 75-159

14100. upiformis Mann. 43-304 Alas.-Neb.  
01. laticeps Lec. 50-233 L. Sup. [Ariz.]  
02. collaris Csy. 12-218 Utah  
03. robustula Csy. 12-219 Wash.  
04. subpubescens Csy. 12-219 Cal.

**Spondylis** Fab.

14105. basalis Csy. 12-220 Wash.

**Scaphinus** Lec. 52-100

14106. muticus (Fab.) 01-265  
sphaericollis (Lec.) 47-93 So. St. Ga. Fla.

## ASEMINI

*Aseminæ* Craighead 15-8

## Casey 12

**Asemum** Esch. 30-66

14107. moestum Hald. 47-35 Alas. L. Sup.-  
obsoletum Hald. 47-35 [Fla.]  
brunneum Hald. 47-35  
substriatum Hald. 47-36 Mass.  
a. juvenum Hald. 47-36  
fuscum Hald. 47-36  
striatum || Kby. 37-171  
08. gracilicorne Csy. 12-258 Wis.  
09. ebenum Csy. 12-258 L. Sup.  
10. curtipenne Csy. 12-258 Wis.  
11. amputatum Csy. 12-259 Mass.  
12. atrum Esch. 30-66 Ut.-Wash.  
13. parvicorne Csy. 12-260 Colo.  
14. fulvipenne Csy. 12-260 Wyom.  
15. costulatum Csy. 12-260 Br. Col.  
16. pugetanum Csy. 12-261 Wash.  
17. brevicorne Csy. 12-261 Ont.

**Liasemum** Csy. 12-262

14118. nitidum Lec. 73-169 Or. So. Cal.  
19. mokelumne Csy. 12-262 Cal.

**Nothorhina** Csy. 12-263 (nec Redt.)

14120. aspera Lec. 54-18 Or. Vanc.  
a. impressa Csy. 12-264 Colo. [No. Cal.]  
b. rectipennis Csy. 12-264 N. Mex.  
21. spissicornis Csy. 12-264 Colo.  
a. longicornis Csy. 12-264 Colo.  
22. gracilipes Csy. 12-265 N. Mex.

**Tetropium** Kby. 37-174

14123. abietis Fall 12-320 Cal.  
24. cinnamopterum Kby. 37-174 Alas. Can. N. H.  
N. J. Pa. L. Sup.  
Ind. Nfld.  
25. parallelum Csy. 92-23 Colo. N. Mex.  
26. columbianum Csy. 12-268 Br. Col.  
27. schwarzianum Csy. 92-24 Mich.  
28. velutinum Lec. 69-382 Cal.-Vanc.  
29. parvulum Csy. 92-24 Ind. [Mon.]  
30. castancum Payk. 00-36 Greenland

**Criocephalus** Muls. 39-63

14131. productus Lec. 50-36 Colo. Or.  
So. Cal.  
32. agrestis (Kby.) 37-170 Nfld. Can. Lab.  
Me. L. Sup.  
33. lacustrinus Csy. 12-267 Wis.  
34. cervinus Csy. 12-267 Ind.  
35. asperatus Lec. 59-19 So. Cal. Neb.  
N. Mex.-Mon.  
36. filitarsis Csy. 12-266 Tex. [Cal.]  
37. cavicollis Csy. 12-266 Colo.  
38. montanus Lec. 73-170 Colo.  
39. obsoletus (Rand.) 38-27 Fla. W. N. Y.  
Can. Ind. Lab.  
40. mexicanus Thoms. 50-260 Ariz.  
obscurus Lec. 50-36  
41. nubilus Lec. 50-26 Fla.  
42. australis Lec. 50-35 Ga.

## SAPHANINI

**Opsimus** Thoms. 60-377

14143. quadrilineatus Mann. 43-305 Alas. Or. Vanc.  
No. Cal.

**Dicentrus** Lec. 80-195

14144. blüthneri Lec. 80-195 No. Cal.

<sup>1</sup> Compare Craighead 15-8 on separation of subfamilies by larval characters.

## OEMINI

- Eucrossus** Lec. 73-174  
14145. villicornis Lec. 73-175 So. Cal. Ariz. Nev.
- Ceme** Newn. 40-8  
(*Sclerocerus* Lec. 50-20)  
14146. rigida (Say) 27-274 Conn. Fla.  
linearis (Harris) 37-85  
indecora Newn. 40-8  
mutica Hald. 47-374  
47. costata Lec. 73-174 Cal.  
48. strangulata Horn 80-133 Utah  
49. gracilis Lec. 81-27 So. Cal. N.Y.?
- Haplidus** Lec. 73-175  
14150. testaccus Lec. 73-176 Cal. Utah
- Eudistenia** Fall 07-82  
14151. costipennis Fall 07-83 So. Cal.
- Malacopterus** Serv. 33-565  
(*Ganimus* Lec. 73-173)  
14152. tenellus (Fab.) 01-335 S. Am.-So. Cal.  
lineatus Guér. 44-222  
mexicanus Thoms. 60-248  
vittatus Lec. 73-173
- Dryobius** Lec. 50-23  
14153. scxfasciatus (Say) 23-415 Ky. Ind. Miss. Valley.

## METHIINI

- Idæmea** Horn 80-138  
14154. californica Fall 02-256 So. Cal.  
55. fulleri Horn 80-138 Tex.  
56. texana Schffr. 08-351 Tex.  
(*Malthophia* Csy. 12-308)  
57. oculata (Csy.) 12-309 So. Cal.
- Styloxus** Lec. 73-239  
14158. lucanus Lec. 73-240 L. Cal.
- Methia** Newn. 42-418  
(*Thia* || Newn. 40-18)  
14159. æstiva Fall 70-86 Cal.  
60. arizonica Schffr. 08-352 Ariz.  
61. constricticollis Schffr. 08-351 Tex.
- Methia** Newn.  
14162. mormona Linell 96-399 Utah  
63. necydalea (Fab.) 98-148 W. I. Fla.  
pusilla Newn. 40-18  
64. punctata Lec. 73-240 W. I.
- Tessaropa** Hald. 47-375  
(*Dysphaga* Lec. 52-143)  
14165. bicolor Horn 85-196 Tex.  
66. debilis Horn 95-246 L. Cal.  
67. lævis Lec. 73-240 Ill.  
68. tenuipes (Hald.) 45-126 N. Y. N. J. Pa.  
ventralis Hald. 47-375 ♀  
69. apicalis Csy. 14-371 Pa.

## ACHRYSONINI

- Achryson** Serv. 33-572  
(*Geropa* Csy. 12-305)  
14170. concolor Lec. 73-176 Tex.  
æquicollis Csy. 12-306 Tex.
- Achryson** Serv.  
(*Achryson* Serv. s. str.)  
14171. surinamum (L.) 67-632 S. Am.-U. S.  
surinamense (Oliv.) 95-42 [Tex. So. Ariz.]

## CERAMBYCINI

- Hamaticherus** Serv. 34-15  
14172. mexicanus Thoms. 60-196 So. Am. Mex.  
castaneus Bates 70-250 [L. Cal.]
- Atylostagma** White 53-97  
14173. glabrum Schffr. 09-99 Ariz.

## HESPEROPHANINI

- Osmidus** Lec. 73-177  
14174. guttatus Lec. 73-178 L. Cal.
- Chrotoma** Csy. 92-27  
14175. dunniana Csy. 92-27 Tex.
- Zamodes** Lec. 73-187  
14176. obscurus Lec. 73-188 Pa. N. J.
- Tylonotus** Hald. 47-37  
14177. bimaculatus Hald. 47-134 Pa. N. Y. Ind.
- Stromatium** Serv. 34-80  
14178. fulvum (Villers) 89-256 Cosmop.  
unicolor (Oliv.) 95-58  
79. pubescens Hald. 47-34 Pa.
- Gnaphalodes** Thoms. 60-235  
14180. trachyderoides Thoms. 60-236 Tex. Mex. L. Cal.
- Chion** Newn. 41-23  
(*Cerasphorus* Lec. 50-11)  
14181. cinctus (Drury) 70-85 Tex. Ind. Conn.  
balteatus (DeG.) 75-111  
garganicus (Fab.) 75-178  
quadrispinosus Hald. 47-32  
ruricola (Gmel.) 90-1860  
rusticus (Fab.) 81-228  
a. ochraceus Bates 84-243 Mex. Fla.  
b. sonorensis Schffr. 08-332 Ariz.
- Brothylus** Lec. 59-80  
14182. conspersus Lec. 83-285 Or. No. Cal.  
83. gemmulatus Lec. 59-280 Cal. So. Cal.  
84. subpubescens Schffr. 09-100 Ariz.
- Pantomallus** Lac. 69-286  
14185. ovicollis Lec. 73-180 Tex.



## EBURIINI

**Eburia** Serv. 34-8

14186. *ulkei* Bland 62-270 L. Cal.  
 87. *semipubescens* Fall 09-163 So. Cal.  
 88. *stigmatica* Chev. 34-60 Mex. Tex.  
     *perforata* Lec. 73-180  
 89. *haldemani* Lec. 50-102 Tex. Fla.  
 90. *quadrigeminata* (Say) 27-275  
     N.E. Amer. Atl.  
     St. Ind. Fla.  
*quadrifasciata* ‡ Oliv. 90-304

**Eburia** Serv.

14191. *stigma* (Oliv.) 95-126 W. I. Fla.  
     *duvali* Chev. 62-266  
 92. *distincta* Hald. 45-150 Ga. Miss.  
 93. *mutica* Lec. 53-233 Tex. Mex.  
     *tumida* Lec. 73-181 ♂  
     a. *manca* Lec. 58-24  
     *consersa* Horn 95-399 L. Cal. Tex.

## PHORACANTHINI or ELAPHIDIONINI

**Eustromula** Ckll. 06-242

- (*Eustroma* || Lec. 73-186)  
 14194. *validum* (Lec.) 58-82 Tex. L. Cal.  
     So. Cal.

**Axestinus** Lec. 73-177

14195. *obscurus* Lec. 73-177 Tex.

**Romaleum** White 55-309

14196. *atomarium* (Drury) 70-93 M. & S. St. Ind.  
     *marilandicum* (Hald.) 47-32 [Conn. Fla.  
     *multicolor* (Gmel.) 90-1857  
     *pulverulentum* (DeG.) 75-118  
     *variegatum* (Goeze) 77-481  
 97. *thoracicum* Csy. 12-297 Tex.  
 98. *hispicorne* (L.) 67-634 N. Mex. Cal.  
     *pulverulentum* (Hald.) 47-32  
     *operarium* White 55-309  
     *simplicicollis* (Hald.) 45-151 So. Cal. Fla.  
     a. *procerum* Lec. 59-88 Tex. Ariz.  
 99. *rufulum* (Hald.) 47-32 M. St. Ind.  
 14200. *manicum* Csy. 12-298 R. I. [Conn.  
 01. *crinicornis* Csy. 12-298 Tex.  
 02. *seminitidum* Horn 85-130 Ariz. So. Cal.  
 03. *tæniatum* Lec. 54-81 Tex.  
     *senex* Bates 84-248  
 04. *niveitectum* Schffr. 05-160 Ariz.

**Hypermallus** Lac. 69-302

14205. *arizonensis* Csy. 12-299 Ariz.  
 06. *flumineus* Csy. 12-300 Mo.  
 07. *incertus* (Newn.) 40-28 N. Y. Pa. Tex.  
     *aspersus* (Hald.) 47-32 [Ind. Fla.  
     *neglectus* (Lec.) 50-13  
     *vicinus* (Hald.) 47-33  
     *externus* Csy. 12-300 Wis.  
 08. *compactus* Csy. 14-364 Tex.  
 09. *brevicornis* Csy. 12-301 Ind.  
 10. *abruptus* Csy. 12-301 ?  
 11. *villosus* (Fab.) 92-302 Atl.-Tex. Ind.  
     *pruinosis* (Guér.) 43-225 [Conn.  
     *putator* (Peck) 19-307  
     a. *scuticularis* Csy. 12-302 Tex.  
 12. *militaris* Csy. 14-364 N. Y.  
 13. *lacustris* Csy. 12-302 Wis.  
 14. *medialis* Csy. 12-302 ?  
     a. *canadensis* Csy. 12-303 Ont.  
     b. *densicollis* Csy. 12-303 Fla.  
 15. *defectus* Csy. 12-303 ?  
 16. *molliculus* Csy. 12-304 Tex.  
 17. *parallelus* (Newn.) 40-29 Ia. Ga. Fla. Del.  
     *arctum* (Newn.) 40-29  
     *oblutum* Lec. 50-16  
     ? *pulverulentus* (Oliv.) 95-69  
 18. *breviusculus* Csy. 14-364 Mass.  
 — *rusticum* Lec. 50-14 N. Am.

**Elaphidion** Serv. 34-66

14219. *irroratum* (L.) 67-633 Ill. N. Y. Fla.  
     *bidens* (Oliv.) 90-306 [W. I.  
     *ordinatum* Newn. 40-26  
     *tessellatum* Newn. 40-26  
 20. *mucronatum* (Say) 23-427 Mass. Fla. Mo.  
     *muricatum* Hald. 47-33 [Ind.  
     *nebulosum* Guér. 43-255  
 21. *mimeticum* Schffr. 05-132 Tex.  
 22. *mutatum* Gahan 90-32 Cuba, Fla.  
     *tomentosum* ♀ Chev. 62-60  
 23. *tectum* Lec. 78-414 Fla.  
 24. *lanatum* Chev. 62-260 Cuba, Fla.

**Anepsyra** Csy. 12-293

14225. *tenue* (Lec.) 54-81 Tex. Ariz.  
 26. *volitans* (Lec.) 73-186 L. Cal.

**Aneflomorpha** Csy. 12-293

14227. *subpubescens* (Lec.) 62-41 N. J. Tex. Fla.  
 28. *seminuda* Csy. 12-294 Tex.  
 29. *lengi* (Schffr.) 09-101 Ariz.  
 30. *aculeatum* (Lec.) 73-184 Tex.  
 31. *lineare* (Lec.) 59-20 So. Cal. Ariz.  
 32. *longipennis* Csy. 12-294 No. Cal.  
 33. *calvatus* (Horn) 85-131 Ariz.  
 34. *levettci* (Csy.) 92-29 Ariz.  
 35. *imbellis* Csy. 14-363 So. Cal.

**Aneflus** Lec. 73-185

14236. *protensus* Lec. 58-82 L. Cal.  
     Ariz. Mex.  
 37. *cochisensis* Csy. 12-296 Ariz.  
 38. *prolixus* Lec. 73-203 L. Cal.  
 39. *fuchsi* Wickh. 05-170 Cal.

**Anoplium** Hald. 47-34

14240. *cincrescens* Lec. 50-15 Tex. Pa.  
 41. *pumilum* (Newn.) 40-29 Ga. Tex. Fla.  
 42. *inerme* (Newn.) 40-29 Pa. Tex. Fla.  
 43. *mœstum* Lec. 53-442 Tex. Fla.  
 44. *pinorum* Csy. 14-365 N. C.  
 45. *laterale* Csy. 14-365 Tex.  
 46. *albofasciatum* Linell 96-393 So. Cal.  
 47. *debile* Lec. 53-442 Tex.  
 48. *truncatum* Hald. 47-33 Tex. Fla.  
 49. *punctatum* Lec. 73-185 L. Cal.  
 50. *spurcum* Lec. 53-442 Tex.  
 51. *imbelle* Lec. 81-27 Cal. So. Cal.  
 52. *griscens* Bates 85-249 Mex. So. Fla.  
 53. *nanum* (Fab.) 92-300  
     *cinereum* (Oliv.) 95-69 W. I. & Fla.  
 54. *brevicens* Schffr. 08-333 Ariz.  
 55. *simile* Schffr. 08-334 Ariz.  
 56. *subdepressum* Schffr. 04-222 Cal. Ariz.

**Anoplium** Hald.14257. nivcivestitum Schffr. 05-132 Tex.  
(*Peribæum* Bates nec Thoms.)58. reticolle Bates 85-254 Mex. L.Cal.  
Ariz.**Anoplium** Hald.

14259. alienum Lec. 75-173 Ariz.

## SPHAERIONINI

**Psyrassa** Pasc. 66-481

14260. texana Schffr. 05-160 Tex.

61. basicornis Pasc. 66-481 Mex. Tex.

62. sallci Bates 85-255 Mex. Tex.

**Pseudibidion** Csy. 12-293

(Elaphidion † auct.)

14263. unicolor (Rand.) 38-42 No.St. Ind.  
Can.-Fla.

## PIEZOCERINI

**Piezocera** Serv. 34-92

14264. serraticollis Linell 96-394 Tex.

## IBIDIONINI

**Compsa** Perty 30-92

14265. puncticollis Lec. 73-188 L.Cal. Ariz.

asperula Bates 85-266 Mex.

66. quadriplagiata Lec. 73-189 L.Cal.

griseola Bates 92-156 Mex.

67. textilis Thoms. 65-573 Mex.

mexicana Thoms. 65-573

a. alacris Bates 80-264 Mex. Tex.

**Heterachthes** Newn.

14271. quadrimaculatus (Fab.) 92-328

Pa. Mo. Ind.

72. fluviatilis Csy. 12-308 Mo. [Conn.]

73. nobilis Lec. 62-41 Tex.

— evanescens Thoms. 67-148 Tex.

**Ibidion** Serv. 34-103

14274. exclamationis Thoms. 60-201

Mex. Tex.

75. townsendi Linell 96-395 Tex.

**Heterachthes** Newn. 40-9

14268. ebenus Newn. 40-9 Fla. So.St.

69. floridanus Csy. 12-307 Fla.

70. exilissimus Csy. 12-307 N.C.

**Malobidion** Schffr. 08-336

14276. brunneum Schffr. 08-337 Ariz.

## CALLIDIOPINI

**Cylindera** Newn. 33-509

(Curtomerus Steph. 39-275)

(Cylindrodera G. &amp; H. 73-2922)

(Cytomerus G. &amp; H. 73-2836)

(Lampromerus Thoms. 60-202)

(Sotenus Sharp 78-205)

**Cylindera** Newn.

14277. flava (Fab.) 75-191

W.I. Fla.

lutea (Steph.) 31-249

pallida Newn. 33-510

pilicornis (Fab.) 92-327

setigera (Sharp) 78-205 Honolulu

## CURIINI

**Curius** Newn. 40-17

14278. dentatus Newn. 40-17 Fla.

concinatus Hald. 47-43

**Plectromerus** Lec. 73-304

14279. dentipes (Oliv.) 90-268 Ga. Fla.

dentatus (Lec.) 24-172

?scambus (Newn.) 41-79 Fla.

## GRACILIINI

**Hypexilis** Horn 85-173

14280. pallida Horn 85-173 Tex.

**Gracilia** Serv.

14283. minuta (Fab.) 81-235

†Eur. Pa. N.Y.

fusca Hald. 47-43

[Ga.]

84. obliquata Horn 85-174 Tex.

**Gracilia** Serv. 34-81

(Nothrus Hald. 47-43)

14281. fasciata Lec. 73-171 L.Cal.

82. manca Lec. 50-24 N.Y.

**Lianema** Fall 07-85

14285. tenuicornis Fall 07-86 Cal. L.Cal.

## OBRIINI

**Obrium** Curt. 25-91

(Diozodes Hald. 47-42)

(Phyton Newn. 40-19)

14286. maculatum (Oliv.) 95-32 Mex. U.S.

limum Newn. 40-18 Atl. &amp; Gulf St.

pallidum (Say) 23-412 Ark.

pallidum Lec. 50-22 Ind. Tex. Fla.

87. discoideum Lec. 73-190 L.Cal.

88. mozinnæ Linell 96-395 Tex.

89. peninsulare Schffr. 08-338 L.Cal.

brunneum || Schffr. 04-223

**Obrium** Curt.

14290. constricticollis Schffr. 08-338

Ariz.

91. rufulum Gahan 08-142

N.Y.-Can.

rubrum † Leng 86-28

Ct. Ind. [Miss.]

92. rubidum Lec. 50-22

Pa. Atl. St.

**Eumichthus** Lec. 73-190

14293. œdipus Lec. 73-190

Vanc. No. Cal.

† Introduced.

## LEPTURINI

(Lepturinae Craighead 15-8)

(Gahan 06-68)

**Rhagium** Fab. 75-182

(Stenocorus Lam. 01-235)

(Stenocorus Oliv. 95-1)

(Hargium Sam. 19-210)

14294. californicum Csy. 13-195 Cal.  
 95. crassipes Csy. 13-195 Mass.  
 96. parvicorne Csy. 13-195 Mass.  
 97. boreale Csy. 13-195 Wis.  
 98. lineatum Oliv. 95-13 Ind. Conn.  
     Alas. La. Fla.  
     ?inquisitor (L.) 58-393 Eur. Sib. Jap.  
     indigator Fab. 87-145  
     investigator Mann. 52-367 Alas.  
 99. cariniventris Csy. 13-196 Mass. Pa.  
 14300. thoracicum Csy. 13-196 N. Mex.  
 01. montanum Csy. 13-197 Colo. N. Mex.

**Leptalia** Lec. 73-204

14302. macilenta (Mann.) 53-253 Alas. Cal.  
 a. frankenhauseri (Mann.) 53-252 Alas.  
 b. fuscicollis (Lec.) 57-65 Cal. Vanc.

**Hapalosalia** Csy. 13-200

14303. scripta (Lec.) 69-384 Vanc. Wash.  
     No. Cal.  
 04. aurata (Horn) 60-570 Pa.-N.C.  
 05. lineicornis Csy. 13-201 Wis.  
 06. læviceps Csy. 13-201 Wis.  
 07. densicollis Csy. 14-366 N.C.  
 08. vibex (Newn.) 41-72 Can.-Va. Ind.  
     nitidicollis (Horn) 60-570  
     a. fragilis Csy. 13-202 Ind.  
 09. straussi (Webb) 08-41 Or. Nev.  
 10. sphæricollis (Say) 27-280 Can. Wis.  
     allecta (Newn.) 41-72  
     a. ?ruficollis (Say) 23-421 Can.  
     paupercula (Newn.) 41-72

**Centrodera** Lec. 50-325

14311. decolorata (Harris) 41-93 Mich. Can.  
     N.Y. Mass. Ind.  
     rubida (Hald.) 47-58  
     a. lacustris Csy. 18-416 L. Sup.  
 12. nevadica Lec. 73-205 Nev. Cal. So.  
     oculata Csy. 13-202 Cal. [Cal.  
 13. picta (Hald.) 47-58 Conn.-S.C.  
 14. tenera Csy. 13-203 So. Cal.  
 15. sublineata Lec. 62-40 Pa. N.C.

**Xylosteus** Friv. 38-180

14316. ornatus Lec. 73-205 Or.

**Ortholeptura** Csy. 13-204

14317. oculea Csy. 13-204 Cal.  
 18. valida (Lec.) 57-64 So. Cal. Nev.  
 19. insignis (Fall) 07-251 Cal. [Vanc.

**Stenocorus** Fab. 75-178

(Toxotus Lec. 50-320 nec Zett.)

I. Toxotopsis Csy. 13-206

14320. cinnamopterus (Rand.) 38-45 Mass.-Ill. N.C.  
     æsculi (Hald.) 47-59 [Ind.  
     II. Eutoxotus Csy. 13-206  
 21. schaumii Lec. 50-320 Ind. Can. Ill.  
     Vt. O.  
     a. croceus Leng 90-68 Vt. No. Ill.

**Stenocorus** Fab.

III. Stenocorus s.str.

14322. nubifer Lec. 59-80 So. Cal.  
     a. lateralis Csy. 92-37 Cal.  
 23. trivittatus Say 23-422 N. Eng.-Ohio-Miss.  
 24. vittiger Rand. 38-29 Ont. Minn.  
 25. nigripes Hald. 47-58 Pa.  
 26. flavolineatus Lec. 54-18 Vanc. Cal.  
 27. virgatus Lec. 74-67 Mont. Or.  
     Vanc. B.C.  
 28. pacificus Csy. 13-209 Cal.  
 29. tenellus Csy. 13-210 Cal.  
 30. hesperus Csy. 13-210 Cal.  
 31. parviceps Csy. 13-210 Cal.  
 32. truncatulus Csy. 13-211 Cal.  
 33. apiciventris Csy. 13-211 Cal.  
 34. rufipennis Csy. 13-212 Cal.  
 35. flaccidus Csy. 13-212 Cal.  
 36. aureatus Csy. 13-213 Cal.  
     a. gilvicornis Csy. 13-213 Cal.  
 37. sericatus Csy. 13-213 Cal.  
 38. subpinguis Csy. 13-213 Utah  
 39. oregonensis Csy. 13-214 Oreg.  
 40. vestitus Hald. 47-59 So. Cal. Or. Cal.  
     a. ater Leng 90-68 Vanc. [Vanc.  
 41. obtusus Lec. 73-206 Wyom.  
 42. brevicollis Csy. 13-214 Wash.

IV. Anisorus Muls. 63-467

43. cylindricollis (Say) 23-417 Can.-Ala.-Ill.  
     dentipennis Hald. 47-58 [Ind.  
     dives Newn. 41-68  
     a. atratus Hald. 47-58 Ga.

**Parapachyta** Csy. 13-216

14344. spurca (Lec.) 57-63 Nev.-Vanc.  
     cervinus (Walk.) 66-332 [So. Cal.

**Pachyta** Zett. 28-376

14345. armata Lec. 73-207 Id. Or. Wash.  
     46. lamed (L.) 58-391 Eur. Sib.  
     a. conflagrata Mots. 60-147 Alas.  
 47. liturata Kby. 37-178 N. Mex. Can.  
     Alas. Cal.  
     nitens Lec. 50-235 L. Sup.

\*

48. rugipennis Newn. 44-476 Can. Me. N.S.

**Evodinus** Lec. 50-325

(Brachyta Fairm. 68-185)

14349. monticola (Rand.) 38-27 Alas. L. Sup.  
     Me. N.Y. Can.  
     50. vancouveri Csy. 13-216 Vanc. [Cal.

**Brachysomida** Csy. 13-220

(Acmæops auct. pars)

14351. atra (Lec.) 50-323 Nev. Or. Wash.  
     52. morata Csy. 13-222 Cal. [Id.  
     53. viola (Lec.) 60-321 No. Cal.  
     54. celestina Csy. 13-222 Cal.  
     55. mollipilosa (Lec.) 60-321 Or.  
     56. lugens (Lec.) 57-62 Cal.  
     fusca (Lec.) 57-62 Cal.  
     57. tumida (Lec.) 57-63 Cal. So. Cal.  
     58. lanatula Csy. 13-224 Colo.  
     59. subænea (Lec.) 57-63 Cal.  
     60. corpulenta Csy. 13-224 Cal.



**Brachysomida** Csy.

14361. francisca Csy. 13-225 Cal.  
 62. californica (Lec.) 52-101 Cal.  
 a. proxima Csy. 13-225 Cal.  
 63. brevicornis Csy. 13-226 No.Cal.  
 64. subcyanea (Lec.) 57-63 Cal.  
 65. trinitatis Csy. 13-226 No.Cal.  
 66. cærulea Csy. 13-227 Cal.  
 a. chalybea Csy. 13-227 Cal.  
 67. tumidiceps Csy. 13-227 Cal.  
 68. protensicollis Csy. 13-228 Cal.  
 69. robustula Csy. 13-228 Cal.  
 70. hirsuta Csy. 13-228 Cal.  
 71. lepidula Csy. 13-229 Cal.  
 72. versicolor Csy. 13-229 Cal.  
 73. pinguis (Lec.) 73-209 Cal.

**Leptacmæops** Csy. 13-230

14374. basalis (Lec.) 73-211 Cal.  
 a. dichroma Csy. 13-231 Cal.  
 75. cuneata Csy. 13-232 Cal.  
 76. auricollis Csy. 13-232 Cal.  
 77. elegantula Csy. 13-232 Cal.  
 78. quadrinotata Csy. 13-233 Cal.  
 79. tenuis Csy. 13-233 Cal.  
 80. temporalis Csy. 13-233 Cal.  
 81. minima Csy. 13-234 Cal.  
 82. cubitalis (Lec.) 61-355 Cal. Nev.  
 variipes Csy. 91-38 So.Cal.  
 83. militaris (Lec.) 50-322 Or. Cal. Wash.  
 ?spuria (Lec.) 73-228 [Id.  
 84. subpilosa (Lec.) 50-322 Wash. Mont.  
 85. nitidipennis Csy. 13-236 Wash. [Wy.  
 86. intermedia Csy. 13-236 ?  
 87. lupina (Lec.) 60-321 Or.  
 88. pugetana Csy. 13-237 Wash.  
 89. quadriceps Csy. 13-237 Utah  
 90. punctiventris Csy. 13-238 Colo. N.Mex.  
 91. longicornis (Kby.) 37-185 Colo.  
 marginalis (Lec.) 57-28  
 92. ligata (Lec.) 73-211 Colo.  
 93. alticola Csy. 13-239 Colo.  
 — vineta (Lec.) 61-356 Mont. Or.  
 — dorsalis (Lec.) 59-21 Kan. [No.Cal.  
 (Acmæopsilla Csy. 13-240)  
 94. falsa (Lec.) 59-80 So.Cal. L.Cal.

**Acmæops** Lec. 50-235

14395. directa (Newn.) 41-71 Pa. Ind. Conn.  
 ?vittata (Swed.) 87-198  
 quadrivittata (Schön.) 17-497  
 a. pallida (Hald.) 47-65  
 96. pratensis (Laich.) 84-172 Eur. Sib. No.  
 Am. Colo. Cal.  
 Mont. H.B.T.  
 Nfld. Alas.  
 longiceps (Kby.) 37-187 [N.Mex.  
 semimarginata (Rand.) 38-20  
 strigilata (Fab.) 92-341  
 97. parkeri Csy. 13-242 Colo.  
 98. lacustrina Csy. 13-242 L.Sup.  
 99. obsoleta Csy. 13-243 Colo.  
 puncticeps Csy. 13-243 Colo.  
 14400. aurora Csy. 13-244 Colo.  
 01. coloradensis Csy. 13-244 Colo.  
 02. cavicollis Csy. 13-244 Me.  
 03. proteus (Kby.) 37-186 Wis. Cal.  
 gibbula Lec. 61-356 Wash.  
 sublineata (Hald.) 47-60  
 04. pinicola Schffr. 08-341 Ariz.

**Acmæops** Lec.

14405. discoidea (Hald.) 47-60 Mich. Pa. N.J.  
 \*  
 06. thoracicus (Hald.) 47-60 Mass. Pa. Va.  
 07. bivittatus (Say) 23-416 Ind.  
 incertus (Bland) 64-321  
 08. nigripennis (Lec.) 50-323 Mo.  
 varians (Lec.) 50-324 ♂  
 09. fusciceps (Lec.) 50-324 N.Y.  
 10. oblongus Csy. 13-218 Neb.

**Gaurotos** Lec. 50-324

14411. cyanipennis (Say) 23-423 Can. & E.U.S.  
 ione (Newn.) 40-30 [Ind.  
 laportei (Guér.) 44-253  
 leonardi (Hald.) 47-60  
 servillei (Serv.) 35-214  
 12. cressoni Bland 64-69 Colo. Nev.  
 13. lecontei Csy. 13-219 Or. [No.Cal.  
 14. abdominalis Bland 62-270 N.Y. Pa. Va.

**Anthophilax** Lec. 50-236

- Nicolay 17-38  
*Stenura* ‡ Hald.)  
 (Argaleus Lec. 50-319 pars)  
 14415. attenuatus (Hald.) 47-59 Me.-Minn. Va.  
 16. malachiticus (Hald.) 45-64 Me.-Mich.-Pa.  
 cyanea (Hald.) 47-151 Can. Mass.  
 17. viridis Lec. 50-236 Mich. N.Y.  
 a. viridipennis Csy. 18-146 No.N.Y. [N.C.  
 18. hoffmani Beut. 03-518 N.C.  
 19. tenebrosus Lec. 73-208 Cal. So.Cal.  
 20. mirificus Bland 65-382 Utah, Colo.  
 Mont.  
 venustus Bland 65-382 ♀ Or. Id. Cal.  
 21. subvittatus Csy. 91-37 Colo.?  
 22. nigrolineatus VanD. 17-36 Or.

**Piodes** Lec. 50-318

14423. coriacea Lec. 50-318 Or.

**Judolia** Muls. 63-496

14424. sexmaculata (L.) 58-398 Eur. Sib. No.  
 Am. No.Cal.  
 H.B.T. Mich.  
 N.H.  
 25. vexatrix (Mann.) 53-250 Alas.-Nev.  
 No.Cal.  
 E.St. Conn.  
 26. cordifera (Oliv.) 95-25  
 a. lunaris (Hald.) 47-59  
 27. instabilis (Hald.) 47-59 W.St. So.Cal.  
 28. convexa (Lec.) 50-332 So.Cal.  
 29. pacifica Csy. 13-249 Cal.  
 30. trajecta Csy. 13-250 Colo.  
 31. quadrata (Lec.) 73-225  
 32. sexspilota (Lec.) 59-80 So.Cal. L.Cal.  
 33. quadrillum (Lec.) 59-88 Vanc. No.Cal.  
 34. convolvens Csy. 13-250 No.Cal.  
 35. impura (Lec.) 57-64 Nev. Or. Cal.  
 36. gaurotoides Csy. 93-592 Utah  
 37. flaviventris (Schffr.) 08-342 Ariz.

**Brachyleptura** Csy. 13-251

14438. rubrica (Say) 23-418 Ind. Conn.  
 erythroptera (Germ.) 24-522  
 39. dehiscens (Lec.) 59-89 No.Cal.-Vanc.  
 Kan.  
 40. cunctatula Csy. 13-253 Wis. Ont.  
 41. vagans (Oliv.) 95-31 N.E.St. Can.  
 brevis (Kby.) 37-182 Can.-Ga.

**Brachyleptura** Csy.

14442. fusella Csy. 13-254 ?  
 43. puella Csy. 13-254 ?  
 a. tetrica Csy. 13-255 ?  
 44. champlaini Csy. 13-254 Pa.  
 45. circumdata (Oliv.) 95-32 Mass. N.Y. Pa.  
 46. subquadrata Csy. 13-251 Colo.  
 47. canadensis (Fab.) 95-8 Ind. Nfld.  
 tenuicornis (Hald.) 47-64 ♂  
 a. cinnamoptera (Hald.) 47-64  
 erythroptera (Kby.) 37-180  
 48. cribripennis (Lec.) 59-21 Kan. Ariz.  
 a. ebena (Leng) 90-197  
 49. lætifica (Lec.) 59-89 Nev.-Wash.  
 lugens (Lec.) 59-89 [No. Cal.  
 50. sanguinea (Lec.) 59-89 N. Mex.-Vanc.  
 51. pernigra (Linell) 96-397 So. Cal. [Nfld.  
 52. lacustris (Csy.) 92-43 Mich.  
 53. boulderensis Csy. 13-252 Colo.  
 54. haldemani (Csy.) 92-42 N. Mex.

**Parallelina** Csy. 13-255

14455. chalybea (Hald.) 47-60 E. St. Ind.  
 56. exigua (Newn.) 41-73 Can.-Pa.  
 saucia (Lec.) 62-40  
 57. nana (Newn.) 41-73 Mass.-N.C.-  
 a. hæmatites (Newn.) 41-73 [Ill.  
 58. molybdica (Lec.) 50-101 Nev.-Or. So.  
 a. militaris (Chev.) 55-187 [Cal.  
 59. subargentata (Kby.) 37-184 Alas.-Ga. Nfld.  
 a. rhodopus (Lec.) 74-68 Cal. [Ind.  
 b. ruficeps (Lec.) 62-40 Ga. (Cal.?)  
 c. ruficollis (Prov.) 77-617 Can.  
 60. filicornis Csy. 13-255 Wash.  
 61. similis (Kby.) 37-185 H. B. T. Cal.  
 rufibasis (Lec.) 62-40  
 62. campanifera Csy. 13-256 Cal.

**Charisalia** Csy. 13-256

14463. americana (Hald.) 47-63 Ga. Pa. O. Ind.  
 64. capitata (Newn.) 41-71 Can. E. St. Ind.

**Strangalepta** Csy. 13-257

14465. lineola (Say) 23-421 E. St. Mo. Ind.  
 cincta (Hald.) 47-63 [Conn.  
 indirecta (Newn.) 41-71  
 lateralis † (Lec.) 50-330  
 a. lateralis † (Hald.) 47-63  
 b. obsoleta (Hald.) 47-63 Pa.  
 66. pubera (Say) 27-279 Can. W. St.  
 67. keeni Csy. 13-257 Br. Col. [Ind.  
 68. rubida (Lec.) 73-224 No. Cal.  
 69. vittata (Oliv.) 92-523 N. E. Amer.  
 abbreviata (Germ.) 24-523 [Ind. Conn.  
 semivittata (Kby.) 37-183  
 a. gulosa (Kby.) 37-184 N. S.

**Strangalia** Serv. 35-220

(Leptura † auct.)

14470. perductor (Walk.) 66-333 Vanc.  
 71. oblitterata (Hald.) 47-62 Or. No. Cal.  
 72. idahoensis Csy. 13-259 Idaho  
 73. vitiosa (Lec.) 54-18 Cal.  
 74. propinqua (Bland) 65-384 Wash. No. Cal.  
 75. kerniana (Fall) 07-249 Cal.  
 76. subcostata (Fall) 07-249 Cal. (Tahoe)  
 77. barberi (Fall) 07-250 No. Cal.  
 78. regularis Csy. 13-259 ?  
 79. minuscula Csy. 13-260 Colo.  
 80. soror (Lec.) 73-223 No. Cal.

**Strangalia** Serv.

14481. abdominalis (Hald.) 47-63 N. Y. Ga. Tex.  
 atrovittata (Bland) 64-255 ♀ La.  
 82. subhamata (Rand.) 38-28 Can. E. St. Ind.  
 armata (Hald.) 47-61  
 interrupta (Newn.) 41-72  
 83. elegans (Hald.) 47-63 N. Y. Pa.  
 84. cruentata (Hald.) 47-64 Can.-Tex. Ind.  
 85. maneei Csy. 14-367 N. C.  
 86. plagifera (Lec.) 73-224 Colo. Nev. Cal.  
 anthracina (Lec.) 75-175 ♀  
 87. plebeja (Rand.) 38-28 E. St.  
 88. deleta (Lec.) 50-328 Mass.  
 89. amabilis (Lec.) 57-64 Or. Wash.

**Cyphonotida** Csy. 13-260

(Ophistomis † Horn nec Thoms.)

14490. ventralis (Horn) 94-401 L. Cal. Ariz.  
 [So. Cal.  
 91. laevicollis Bates 80-39 Ariz.-Panama  
 92. ?ignita (Schffr.) 08-341 Ariz.

**Xestoleptura** Csy. 13-260

14493. octonotata (Say) 23-419 N. E. St. Ind.  
 stictica (Newn.) 41-72 [Conn.  
 a. quadripunctata (Hald.) 47-64  
 94. crassipes (Lec.) 57-65 So. Cal.-Vanc.  
 fasciventris (Lec.) 61-355  
 xanthogastra (Lec.) 59-88  
 a. shastana Csy. 13-263 No. Cal.  
 95. vancouveri Csy. 13-263 Vanc.  
 96. muliebris Csy. 13-263 Cal.  
 97. cockerelli (Fall) 07-251 N. Mex. Colo.  
 98. crassicornis (Lec.) 73-227 Cal.  
 99. behrensi (Lec.) 73-227 No. Cal.  
 14500. corusca Csy. 13-261 Cal.  
 01. columbica Csy. 13-261 Br. Col.  
 02. rufula (Hald.) 47-60 L. Sup.  
 03. hirtella (Lec.) 73-226 Lab. N. H.  
 Nfld.  
 04. tibialis (Lec.) 50-339 N. H. Mich.  
 Wash.

**Stenostrophia** Csy. 13-264

14505. tribalteata (Lec.) 73-224 No. Cal. So. Cal.  
 06. serpentina (Csy.) 92-41 Cal.  
 07. coquilletti (Linell) 96-398 So. Cal.

**Strophiona** Csy. 13-264

14508. nitens (Forst.) 71-45 R. I. Can. Pa.  
 aurigera (Newn.) 41-70 [Ind.  
 carolina var. (Web.) 01-91  
 quagga (Germ.) 24-521  
 zebra (Felt) 07-450  
 zebrata (Hald.) 47-62  
 09. bellina Csy. 13-265 Colo.  
 10. læta (Lec.) 57-64 So. Cal. Nev.-  
 11. ostenta Csy. 13-265 N. Mex. [Vanc.  
 12. tigrina Csy. 13-266 So. Cal.  
 13. reducta Csy. 13-266 Cal.

**Leptura** (L). 58-397

(Megaleptura Csy. 13-267)

14514. emarginata L. 87-158 Can.-Tex. Ind.  
 15. gigas Lec. 73-223 Tex. N. Mex.  
 (Cosmosalia Csy. 13-267)  
 16. nigrella Say 27-279 ?  
 17. carbonata Lec. 61-355 No. Cal. Wash.  
 18. præstans Csy. 13-267 Colo.  
 19. auripilis Lec. 50-339 N. Mex.



**Leptura L.**

14520. *chrysocoma* Kby. 37-179 No.St. Cal.  
 21. *aureola* Csy. 13-268 Colo.  
 22. *nigrolineata* Bland 65-383 Colo.  
 23. *dolorosa* Lec. 61-355 Nev.-Vanc.  
 24. *coccinea* Lec. 73-226 [Cal.  
     *rubra* L. 58-397 Eur. Sib.  
     (*Cercolia* Csy. 13-268)  
 25. *proxima* Say 23-420 Ind. Can.  
     E.U.S. Wis.  
     *subpubescens* Kby. 37-180  
     a. *atrata* Lec. 50-339  
 26. *minnesotana* Csy. 13-269 Wis.  
     (*Dorcasina* Csy. 13-269)  
 27. *matthewsi* Lec. 69-384 Vanc.-Cal.  
 28. *grossa* (Lec.) 73-225 Cal.  
 29. *macrocera* Csy. 13-270 Cal.  
 30. *biforis* Newn. 41-70 Can.-Va.  
 31. *laurentica* Csy. 13-271 No.N.Y.  
     (*Trachysida* Csy. 13-271)  
 32. *mutabilis* Newn. 41-71 Can.-Pa. Nfld.  
     a. *luridipennis* Hald. 47-63  
     b. *provancheri* Auriv. 12-223  
     *lætifica* || Prov. 77-620  
 33. *aspera* Lec. 73-228 Can.-Vanc.  
 34. *pedalis* Lec. 61-355 N.H. Can.  
     Mich.  
 35. *quadricollis* Lec. 50-339 Vt. Mass.  
     \*  
 36. *brevicornis* Lec. 73-226 Nev. Wash.  
     No.Cal.

**Bellamira Lec. 73-328**

14537. *scalaris* (Say) 27-278 N.J. Fla.  
     *coarctata* (Hald.) 47-156  
 38. *antennata* (Schffr.) 08-342 Ariz.

**Typocerus Lec. 50-333**

14539. *badius* (Newn.) 41-69 N.C. Ga. Fla.  
     Ala.  
     N.Y.-Fla.  
 40. *zebra* (Oliv.) 95-19  
     *carolina* (Web.) 01-91  
     *zebrata* (Fab.) 01-364  
 41. *sparsa* Lec. 78-614 Can. O. Wis.  
 42. *lunulata* (Swed.) 87-195 N.C. Ga. Fla.  
     *arcuata* (Oliv.) 95-32 [Tex.  
     *lunata* (Fab.) 01-360  
 43. *velutina* (Oliv.) 95-18 Mass.-Wis.  
     Ind. Fla.  
     *fugax* (Fab.) 98-153  
     *nobilis* (Newn.) 41-67  
     *tenuior* (Kby.) 37-181

**Typocerus Lec.**

14544. *acuticauda* Csy. 13-274 Mass. N.J. Pa.  
 45. *thoracicus* Csy. 13-274 ?  
 46. *confluens* Csy. 13-272 Kan. Colo.  
 47. *caligans* Csy. 13-273 Kan.  
 48. *lugubris* (Say) 23-419 Ind.  
 49. *brunnicornis* Lec. 73-214 Fla.-N.Mex.  
 50. *balteata* Horn 78-55 Ariz. Colo.  
     Mont.  
 51. *sinuata* (Newn.) 41-70 Ind. Fla.  
     *octonotata* (Hald.) 47-62

**Ophistomis Thoms. 57-319**

- (*Strangalia* Lec. nec Serv.)  
 (*Strangalina* Auriv. pars)  
 14552. *virilis* (Lec.) 73-212 Tex.  
 53. *famelica* (Newn.) 41-68 E.St. Ind.  
     a. *confluenta* (Hald.) 47-61 [Conn.  
     b. *flaviceps* (Hald.) 47-61  
     c. *obsoleta* (Hald.) 47-61  
     d. *solitaria* (Hald.) 47-61  
 54. *acuminata* (Oliv.) 95-20 Ct.-Pa. Ind.  
     *emaciata* (Newn.) 41-68  
     a. *unicolor* (Hald.) 47-62  
 55. *strigosa* (Newn.) 41-69 Fla.  
 56. *luteicornis* (Fab.) 75-197 Can. E.St. Ind.  
 57. *eversa* Csy. 13-277 Ill. [Fla.  
 58. *carolinæ* Csy. 13-277 S.C.  
 59. *ochreipennis* Csy. 13-278 ?  
 60. *bicolor* (Swed.) 87-197 Can.-Ala. Fla.  
     a. *simulans* Csy. 13-278 Colo. [Ind.  
 61. *sexnotata* (Hald.) 47-61 Mass.Fla.Tex.  
 62. *montana* (Csy.) 92-40 N.Mex. Ariz.  
 63. *texana* Csy. 13-276 Tex.  
 64. *evanescens* Csy. 13-276 Tex.  
 65. *delicata* (Lec.) 74-97 Cal. Nev.  
     So.Cal.

**Pyrotrichus Lec. 62-41**

14566. *vitticollis* Lec. 62-41 Cal.  
 67. *cribripennis* Csy. 13-198 So.Cal.

**Thesalia Csy. 91-36**

14568. *rubriceps* Csy. 13-198 Cal.  
 69. *gnathoides* (Lec.) 73-228 Or. Wash.  
     *lisa* (Leng) 90-108 Cal. [No.Cal.

**Euryptera Serv. 25-688**

14570. *lateralis* (Oliv.) 95-22 Mass.Fla.Mex.  
     *cincta* Hald. 47-63  
     *distans* (Germ.) 24-524  
     *obsoleta* Hald. 47-63  
 71. *huachucae* Schffr. 05-134 Tex. Ariz.  
 72. *flavatra* Blatch. 14-92 Fla.

## ENCYCLOPINI

**Encyclops Newn. 38-392**

14573. *coerulea* (Say) 27-280 Can. N.Y. Ill.  
     *pallipes* Newn. 38-392 [O.

## DORCASOMINI

*(Desmocerini)***Desmocerus Serv. 35-202**

14574. *palliatu*s (Forst.) 71-40 Can. La. Ind.  
     *blandus* (Fab.) 75-182  
     *cyaneus* (Fab.) 75-823  
     *elongatus* Bland 62-269

**Desmocerus Serv.**

14575. *auripennis* Chev. 55-187 Cal. Nev.  
 76. *cribripennis* Horn 82-8 So.Cal. Wash.  
 77. *californicus* Horn 82-7 Cal. So.Cal.  
 78. *piperi* Webb 05-104 Or. Wash. Id.



## NECYDALINI

- Ulochætes** Lec. 54-82  
14579. leoninus Lec. 54-82 Or. Nev. No.  
Cal. So. Cal.
- Necydalis** L. 58-421  
14580. mellita Say 35-194 Pa. Ind.  
americana Hald. 47-44
- Necydalis** L.  
14581. barbaræ Rivers 90-112 So. Cal.  
82. cavipennis Lec. 73-204 Cal. Ariz.  
83. laevicollis Lec. 69-383 Vanc. No. Cal.

## MOLORCHINI

## (Stenopterini)

- Molorchus** Fab. 92-356  
14584. bimaculatus Say 23-428 Atl. St. Ind.  
affinis Lec. 24-172 [Conn.  
obscurus Lec. 50-21  
a. corni Hald. 47-45  
b. semiustus Newn. 40-19 Fla.  
85. longicollis Lec. 73-193 Cal. So. Cal.
- Callimoxys** Kr. 63-104  
14586. fuscipennis (Lec.) 61-356 ♂ Cal. So. Cal.  
sanguinicollis (Oliv.) 95-9 ♀ N. Am. Ind.
- Callimus** Muls. 63-210  
(*Pilema* Lec. 73-192)  
14587. cyanipennis (Lec.) 73-192 Cal. So. Cal.  
88. variipes Csy. 12-311 Cal.  
89. dehiscens Csy. 12-312 So. Cal.
- Callimus** Muls.  
14590. ruficollis (Lec.) 73-192 Cal. So. Cal.  
91. longicollis Csy. 12-310 Cal.  
92. opacipennis Csy. 12-311 So. Cal.
- Poecilobrium** Horn 83-291  
14593. chalybæum (Lec.) 73-189 Cal. So. Cal.  
94. rugosipenne Linell 96-395 Cal.
- Hybodera** Lec. 73-191  
14595. tuberculata Lec. 73-191 Vanc. Or. No.  
Cal. Wash.  
96. debilis Lec. 74-66 So. Cal.
- Megobrium** Lec. 73-192  
14597. edwardsi Lec. 73-193 Cal. So. Cal.

## RHINOTRAGINI

- Acyphoderes** Serv. 33-549  
14598. delicata Horn 94-400 L. Cal.

## CALLICHROMINI

- Callichroma** Latr. 16-24  
14599. suaveolens (L.) 68-224 N. C.-Fla.  
elegans Hald. 47-31  
splendidum Lec. 50-37  
a. virescens Leng 86-61 So. St.  
14600. plicatum Lec. 53-233 Tex.  
01. smaragdina Csy. 12-314 Tex.
- Callichroma** Latr.  
14602. cobaltinum Lec. 73-195 L. Cal.  
03. melancholicum Bates 72-186  
Mex. & U.S.?  
(So. Fla.?)  
04. schwarzi Fisher 14-97 Tex.

## COMPSOCERINI

- Rosalia** Serv. 33-561  
14605. funebris Mots. 45-87 Alas.-N. Mex.  
alpina Lec. 52-177 [So. Cal.
- Rosalia** Serv.  
a. mandibularis Csy. 12-313 Cal.  
b. acomana Csy. 12-313 N. Mex.

## CALLIDIINI

- Gonocallus** Lec. 73-171  
14606. collaris (Kby.) 37-141 Nfld. Can.  
lepidus (Lec.) 50-34 [L. Sup. Alas.
- Physocnemum** Hald. 47-38  
(*Dularius* Thoms. 60-258)  
14607. andreae Hald. 47-36 Ga. Fla.  
luscum (Thoms.) 60-259  
08. brevilineum (Say) 23-413 Can. Pa. Kan.  
Ind. Me. N. Y.  
Ky. Ill. N. J.  
09. compressipes Csy. 12-269 Wis.  
10. densum Csy. 12-270 Kan.  
11. violaceipenne Ham. 96-286 Pa.
- Ropalopus** Muls. 39-39  
(*Rhopalopus* Redt. 45-110)  
(*Euryoptera* Horn 60-571)
- Ropalopus** Muls.  
14612. sanguinicollis (Horn) 60-571 Can. N. Y. Pa.
- Hylotrupes** Serv. 34-77  
14613. bajulus (L.) 58-396 †Eur. Pa. Ga.  
La. Ct. Mass.  
bullatus Hald. 47-36 N. Y.
- Anacomis** Csy. 12-271  
(*Semanotus* † Muls. 39-54)  
14614. lignea (Fab.) 87-153 Pa. Can. N. H.  
N. J. Fla. Tex.  
Ariz. So. Cal.  
a. parvicollis Csy. 12-272 Colo.  
b. ampla Csy. 12-273 Cal.  
c. angusta Csy. 12-273 Cal.  
15. litigiosa Csy. 92-25 Cal. Wash.  
Or. Id.

**Anacomis** Csy.

14616. *terminata* Csy. 12-274 Me. (Can.?)  
 — *nicolas* White 55-321

**Hemicallidium** Csy. 12-274

14617. *amethystinum* (Lec.) 53-234 Cal. Ariz.  
 18. *juniperi* Fisher 15-77 Ariz. [So. Cal.]

**Merium** Kby. 37-172

14619. *proteus* Kby. 37-172 Can.-Colo.  
 Ind. Alas.  
 H.B.T.  
*simile* Kby. 37-173 68° N. Lat.  
*bifossatum* Csy. 12-287 Wis.

**Callidium** Fab. 75-187

14620. *antennatum* Newn. 38-393 Atl. St. Ind.  
 Or. Fla.  
 So. Cal.  
 a. *hesperum* Csy. 12-288 Cal. Nev. Id.  
 21. *schotti* Schffr. 17-184 L.I. N.C.  
 22. *violaceum* (L.) 58-395 Sib. Eur. &  
 N.Am. Nfld.  
 †Greenland  
*janthinum* Lec. 50-34 Nfld. Can.  
 N.Y. Me.  
 Tex.  
 23. *texanum* Schffr. 17-185 Cal.  
 24. *californicum* Csy. 12-289 Can. Me.  
 25. *frigidum* Csy. 12-289 Wis. [N.Y.]  
 26. *lacustre* Csy. 12-289 \*  
 27. *cicatricosum* Mann. 53-246 Alas. (Colo.?)  
 \*\*  
 28. *hirtellum* Lec. 73-172 Colo. So. Cal.  
 29. *vile* Lec. 73-172 No. Cal.

**Phymatodes** Muls. 39-47

(*Microcallidium* Csy. 12-283)

14630. *amoenus* (Say) 23-413 Mo. Ind. Kan.  
*coccineicollis* (Hald.) 47-39 [Can.-N.Y.]  
 a. *hudsonicus* Csy. 12-284 N.Y.  
 31. *lengi* Joutel 16-242 N.Y. N.J.  
 32. *blandus* Lec. 50-79 No. Cal.  
 So. Cal.  
 33. *densipennis* Csy. 12-284 N. Mex.  
 (*Phymatodes* s. str.)  
 34. *testaceus* (L.) 58-396 Mass. Ala.  
 La. Pa. Kan.  
 Wis. Mich.  
 Ariz.

**Phymatodes** Muls.

- a. *variabilis* (L.) 61-192 Eur. N. Am.  
 Ind. N.Y. Ga.  
 [†Cal.]  
 b. *ventralis* Hald. 47-37  
 (*Pæcilium* Fairm. 64-134)  
 14635. *æreus* (Newn.) 38-393 Can. N.Y.  
*pallipes* Hald. 47-37 [Conn.]  
 36. *æneus* Lec. 54-18 Or. Vanc. Cal.  
 37. *infuscatus* Lec. 59-285 Cal.  
 38. *obscurus* Lec. 59-79 Cal. So. Cal.  
 39. *grandis* Csy. 12-277 So. Cal.  
 40. *dimidiatus* (Kby.) 37-173 Me.-Alas.  
 Colo. H.B.T.  
 Que. N.Y.  
 No. Cal. Or.  
 [B.C.]  
*palliatum* (Hald.) 47-41  
 a. *mannerheimi* (Lec.) 57-60 Cal.  
 ?*kalmi* Schön. 17-442 Can.  
 41. *vulneratus* Lec. 57-60 Cal.  
 42. *concinus* Csy. 12-278 Cal.  
 43. *obliquus* Csy. 91-26 Cal.  
 44. *harfordi* Csy. 12-279 Cal.  
 45. *decussatus* Lec. 57-61 No. Cal.  
 So. Cal.  
 46. *varius* (Fab.) 76-232 U.S. Ind. Cal.  
 Tex. N.Y.  
*versicolor* (Gmel.) 90-1852 [Mass. Ct.]  
 a. *albofasciatus* Bland 62-274 Pa.  
 b. *subfasciellus* White 55-322 Mo.  
 c. *diffidens* Csy. 12-280 Mass.  
 47. *latipennis* Csy. 12-280 So. Cal.  
 48. *juglandis* Leng 90-214 L. Sup.  
 49. *maculicollis* Lec. 78-614 N.Y. N.J.  
 50. *ater* Lec. 85-22  
 (*Phymatodina* Csy. 12-281)  
 51. *nitidus* Lec. 74-66 No. Cal. Nev.  
 Wash. Or.  
 52. *crucialis* Csy. 12-282 Cal.  
 53. *elegans* Csy. 12-282 Cal.  
 54. *exilis* Csy. 12-283 Cal.  
 \*  
 55. *lividus* Rossi 94-98 †So. Eur. &  
 Can. L.I.  
*thoracicus* Com. 37-41  
 \*\*  
 56. *semicircularis* Bland 62-275 Pa.

**Xylocrius** Lec. 73-296

14657. *agassizi* (Lec.) 61-357 Cal.  
 58. *cribratus* Lec. 73-172 Nev. Cal.

## CLYTINI

**Tylcus** Csy. 12-348

(*Trichoxys* † auct. nec Chev. 60-454)

14659. *hartwegi* (White) 55-252 Ariz.

**Megacyllene** Csy. 12-348

14660. *antennatus* (White) 55-252 Ariz. So. Cal.  
*eurystethus* (Lec.) 58-82

**Cyllene** Newn. 40-7

14661. *snowi* Csy. 12-353 Ariz.  
 62. *zuniana* Csy. 12-353 N. Mex.

**Cyllene** Newn.

14663. *crinicornis* Chev. 60-460 Tex. La. So. Cal.  
 64. *reducta* Csy. 12-351 Tex. ? [Fla.]  
 65. *flicornis* Csy. 12-352 Tex.  
 66. *decora* (Oliv.) 95-63 Fla. Ga.-  
 N. Mex. Ind.  
*infausta* Lec. 50-17  
 67. *angulifera* Csy. 12-354 Kan.  
 68. *chara* (Say) 35-193 Ind.  
 a. *kansana* Csy. 12-355 Kan.  
 b. *horni* Auriv. 12-384<sup>1</sup>

<sup>1</sup> The varietal names proposed by Aurivillius in *Cyllene* date from Feb. 28, 1912, and will take precedence over those published by Casey (Mem. III) Mch. 20, 1912.

† Introduced.

**Cyllene** Newn.

- decora var. † Horn 80 fig. 8b  
 solida Csy. 12-355 Iowa  
 c. castelnaui Auriv. 12-384  
 decora † Horn 80 fig. 8c  
 d. mediana Auriv. 12-384  
 decora var. † Horn 80 fig. 8d.  
 e. genitiva Csy. 12-355 Tex.  
 14669. lutosa Lec. 61-356 Kan.  
 70. caryæ Gahan 08-141 Conn.-Ind.  
 picta † Horn 80-134  
 71. robiniae (Forst.) 71-43 Ind. Can. U.S.  
 angulata (Fab.) 75-192 [Conn.  
 flexuosa (Fab.) 75-191  
 picta (Drury) 70-91

**Arhopalus** Serv. 34-77

14672. fulminans (Fab.) 75-192 Conn.-Ind.

**Glycobius** Lec. 73-319

- (*Plagionotus* † Lec. 83-304 nec Muls.)  
 14673. speciosus (Say) 28-53 Can. No. U.S.  
 hayi (Gray) 32-118 [Ind. Conn.]

**Calloides** Lec. 73-319

14674. nobilis (Harris) 36-84 N.C.-Wis. Ind.  
 a. mormonus Schffr. 11-124 Utah  
 75. biformis Csy. 12-358 N.Mex. Colo.  
 76. muliebris Csy. 12-358 N.Mex.  
 77. coloradensis Csy. 12-358 Colo.  
 78. lorquini Buq. 59-629 Cal. So. Cal.

**Xylotrechus** Chev. 60-456

14679. colonus (Fab.) 75-191 Can.-Ga. Ind.  
 campestris (Oliv.) 95-65 [Fla.  
 coloreus (Fab.) 02-345  
 terminans (Fab.) 98-151  
 upsilon (Steph.) 31-244  
 a. agrestis (Lec.) 50-28 Ga.  
 b. villicus (Oliv.) 95-64 N. Am.  
 80. sagittatus (Germ.) 21-171 Fla.  
 a. pubescens (Hald.) 47-40 Pa.  
 81. cylindrus Csy. 12-364 Wis.  
 82. salebrosus Csy. 12-364 N. Mex.  
 83. quadrimaculatus (Hald.) 47-41  
 Can. No. St.  
 Ind.  
 84. aceris Fisher 16-215 D.C. Del. Pa.  
 N.J.  
 85. mormonus Lec. 61-357 Utah, Wis.  
 86. inflaticollis Csy. 12-360 Colo.  
 87. columbianus Csy. 12-361 B.C.  
 88. albonotatus Csy. 12-361 No. Cal.  
 89. montanicus Csy. 12-361 Idaho  
 90. longitarsis Csy. 12-362 Cal.  
 91. undulatus (Say) 24-291 L. Sup. Ind.  
 a. gemellus Csy. 93-590 Ind.  
 b. undatus (Kby.) 37-175  
 c. fuscus (Kby.) 37-176  
 d. integer (Hald.) 47-41  
 e. interruptus (Cast.) 35-57  
 f. lunulatus (Kby.) 37-175  
 g. sayi (Cast.) 35-55  
 92. lengi Schffr. 08-340 Or.  
 93. annosus (Say) 27-277 N.H.-No. Cal.  
 94. nauticus (Mann.) 43-305 So. Cal.-Mont.  
 a. gramineus (Hald.) 47-40  
 95. quercus Schffr. 05-163 Ariz.  
 96. convergens Lec. 73-198 Ohio, Iowa  
 97. nitidus Horn 60-572 Pa. N.J. Tex.

**Xylotrechus** Chev.

14698. obliterated Lec. 73-199 (? ♂) Colo. So. Cal.  
 ?brevipennis Lec. 73-197 Utah  
 99. insignis Lec. 73-199 (? ♀) Cal.  
 diruptus Csy. 12-367 So. Cal.  
 14700. incongruens Csy. 12-366 Cal.

**Neoclytus** Thoms. 60-67

- (*Plagithmysus* Lec. 83-304)  
 (*Rhopalomerus* Chev. 60-357)  
 14701. longipes (Drury) 70-84 W.I. U.S.  
 angulatus (Fab.) 92-335  
 druryi (Fab.) 75-408  
 hopci (Cast.) 35-18  
 lunulatus (Goeze) 77-477  
 rhombifer (Oliv.) 95-46  
 02. cordifer (Klug) 29-13 W.I. U.S. Fla.  
 devastator (Cast.) 35-17  
 rufescens (Cast.) 35-16  
 03. scutellaris (Oliv.) 90-266 N.Y. La. Fla.  
 Neb. Ind.  
 elegans (Hald.) 47-40  
 04. mucronatus (Fab.) 75-193 Can. E. U.S.  
 luscus (Fab.) 98-152 Tex. Fla. [Ind.  
 humeralis (Newn.) 38-394  
 maculosus (Gmel.) 90-1854  
 a. strictulus Csy. 12-369 ?  
 05. conjunctus (Lec.) 57-61 No. Cal. Or.  
 a. occiduus Csy. 12-369 Cal.  
 06. tularensis Csy. 12-369 Cal.  
 07. caprea (Say) 23-424 Ariz. U.S. Mex.  
 elevatus (Cast.) 35-32 [Ind.  
 gibbicollis (Cast.) 35-24  
 08. kirbyi Auriv. 12-392 Can. Va.  
 longipes || (Kby.) 36-176  
 09. fulguratus Csy. 12-367 Tex.  
 10. carus Fall 07-81 So. Cal.  
 11. modestus Fall 07-81 So. Cal.  
 12. simplarius Blatch. 17-240 Fla.  
 13. muricatus (Kby.) 37-177 No. St. Can.  
 leucozonus (Cast.) 35-90 No. Cal.  
 muricatus Prov. 77-601  
 14. infans Csy. 12-368 Cal.  
 15. jouteli Davis 04-34 N.J. Va.  
 16. ascendens Lec. 78-462 Colo.  
 17. acuminatus (Fab.) 75-194 Can. U.S. Ind.  
 americanus (Gmel.) 90-1854  
 aspericollis (Germ.) 24-517  
 erythrocephalus (Fab.) 87-156 N.H.-Neb. Fla.  
 18. torquatus Lec. 73-200 Tex.  
 19. approximatus Lec. 62-42 Kan.  
 20. abbreviatus Schffr. 08-340 Tex.  
 21. peninsularis Schffr. 05-133 L. Cal.  
 22. tenuiscriptus Fall 07-82 So. Cal.  
 23. balteatus Lec. 73-201 Or. Cal.  
 24. interruptus Lec. 73-201 No. Cal.  
 25. magnus Schffr. 04-224 L. Cal.

**Euryscelis** Chev. 62-530

14726. suturalis (Oliv.) 95-62 ? W.I. & U.S. Fla.  
 dejeani Chev. 62-530 ♀

**Rhopalopachys** Chev. 60-457

14727. irroratus (Lec.) 58-26 Tex. Mex. Ariz.  
 inorosus Chev. 60-501 So. Cal.

**Anthoboscus** Chev. 60-455

- (? *Chlorophorus* Chev. 63-290)  
 (*Clytanthus* Thoms. 64-190)



**Anthoboscus** Chev.

14728. *ruricola* (Oliv.) 95-65 Can. Va. Ill.  
 29. *catulus* Csy. 12-370 Wis. [Ind.]

**Clytoleptus** Csy. 12-371

14730. *albofasciatus* (Lap.) 35-96 Pa. Ohio, Ind.  
 31. *gracilicornis* Csy. 12-371 Ind.  
 32. *tristis* Csy. 12-371 Pa.

**Clytus** Laich. 84-88

14733. *planifrons* Lec. 74-67 Cal. Nev.  
 34. *marginicollis* Cast. 35-41 Mass.-Ga.  
*vespoides* Hald. 47-40  
 35. *carolinensis* Csy. 12-372 N.C.

**Triodoclytus** Csy. 13-387

(*Paraclytus* || Csy. 12-374

**Triodoclytus** Csy.

14736. *lanifer* (Lec.) 73-198 So. Cal. Ariz.  
 37. *brevitarsis* Csy. 12-375 So. Cal.  
 38. *crucialis* Csy. 12-375 No. Cal.

**Microclytus** Lec. 73-320

- (? *Anaglyptus* Muls. 39-91)  
 14739. *gazellula* (Hald.) 47-42 Pa. O. Can. Ill.  
 40. *gibbulus* (Lec.) 50-234 Ont. L. Sup.  
*insinuans* (Csy.) 93-591 N.Y. Ont.  
*niger* (Lec.) 50-29 (err. cler.)  
 ? *compressicollis* (Cast.) 35-106  
 a. *frosti* Csy. 12-375 Me.

**Cyrtophorus** Lec. 50-29

14741. *verrucosus* (Oliv.) 95-67 Can. No. St.  
 Ind.

## MICHTHYSOMINI

**Michthysoma** Lec. 50-30

14742. *heterodoxum* Lec. 50-30 Ga.-Va.

## TILLOMORPHINI

**Pentanodes** Schffr. 04-222

14743. *dietzi* Schffr. 04-222 Tex.

**Tetranodus** Linell 96-396

14744. *niveicollis* Linell 96-396 Tex.

**Euderces** Lec. 50-30

14745. *picipes* (Fab.) 87-157 Can. E.U.S.  
 Ind.  
 46. *pini* (Oliv.) 95-71 Can.-Tex. Ind.  
*piniadea* (Fab.) 02-353  
 a. *testaceipes* (Hald.) 47-41

**Euderces** Lec.

14747. *parallelus* Lec. 73-202 L. Cal.  
 48. *reichei* Lec. 73-202 Tex. Ill. Ind.  
 49. *exilis* Csy. 93-591 Tex.

**Tilloclytus** Bates 85-303

- (*Tillomorpha* Lec. nec Blanch.)  
 14750. *geminatus* (Hald.) 47-42 Mass.-Ga.  
*duplicatus* (Lec.) 50-29

## CLEOMENINI

**Dihammaphora** Chev. 59-50

14751. *dispar* Chev. 59-52 Mex. Tex.

## RHOPALOPHORINI

**Rhopalophora** Serv. 34-100

- (*Tinopus* Lec. 50-19)  
 14752. *laevicollis* Lec. 73-193 Tex. N. Mex.  
 53. *rugicollis* Lec. 58-83 Tex. Ariz.  
 54. *angustata* Schffr. 05-162 Tex. [L. Cal.]

**Rhopalophora** Serv.

14755. *longipes* (Say) 23-426 Pa.-Kan. Ind.  
*porosa* White 55-206 [Ariz.]  
 a. *meeskei* Csy. 92-30 N. Mex. Ariz.  
 56. *bicincta* Horn 95-245 L. Cal.

HETEROPSINI (*Stenosphenini*)**Stenosphenus** Hald. 47-39

14757. *notatus* (Oliv.) 95-61 E. St. Ind. Fla.  
*defendus* (Newn.) 50-6  
 58. *lugens* Lec. 62-41 Tex. Mex.  
*hirsutipennis* Bates 72-191  
 59. *novatus* Horn 85-178 L. Cal.  
 60. *lepidus* Horn 85-179 Ariz. Tex.

**Stenosphenus** Hald.

14761. *longicollis* Csy. 92-34  
 62. *beyeri* Schffr. 05-163 Ariz.  
 63. *dolosus* Horn 85-179 Tex.  
 64. *debilis* Horn 85-179 Utah, So. Cal.  
 65. *lucanus* Csy. 12-346 L. Cal.  
 66. *pruddeni* Csy. 12-346 Ariz.

## AGALLISSINI

**Agallissus** Dalm. 23-66

- (*Cryptopleura* Lec. 50-6)  
 14767. *chamæropis* Horn 93-138 Fla.  
 68. *lepturoides* Chev. 49-12 Mex. Tex.  
*clytoides* Lac. 69-134  
*gratus* Hald. 53-363

**Agallissus** Dalm.

14769. *floridanus* Csy. 12-376 Fla.

**Zagymnus** Lec. 73-203

14770. *clerinus* Lec. 73-321 Fla.

## ANCYLOCERINI

**Ancylocera** Serv. 34-107

14771. *bicolor* (Oliv.) 95-32 So. St. Tex. Fla.  
*rugicollis* (Fab.) 01-31

**Ancylocera** Serv.

- a. *lividipennis* Hald. 47-44

## ATIMIINI

**Atimia** Hald. 47-56  
14772. *confusa* (Say) 27-276  
    *tristis* Hald. 47-56  
73. *dorsalis* Lec. 69-385

Can.M.St.Ind.  
Vanc. So.Cal.  
Ariz.

**Paratimia** Fisher 15-78  
14774. *conicola* Fisher 15-78

Cal.

## PTEROPLATINI

**Elytroleptus** Dugès 79-182  
(*Pteroplatus* Lec. 73-310)  
14775. apicalis Lec. 84-24  
76. divisus Lec. 84-23  
brevicornis Csy. 93-586 ♀  
77. floridanus (Lec.) 62-42  
78. ignitus Lec. 84-24

Ariz. Mex.  
Tex. Fla.

Fla. L.I. Mass.  
Ariz.

**Elytroleptus** Dugès  
14779. *rufipennis* Lec. 84-23 Ariz. N.Mex.

**Holopleura** Lec. 73-193  
14780. *marginata* Lec. 73-194 ♀ Cal.  
*helena* Lec. 73-194 ♂

## STENASPINI

**Crioprosopus** Serv. 34-53  
 14781. *rimosus* Buq. 40-142  
     *splendens* Lec. 53-441  
     82. *magnificus* Lec. 75-173  
     83. *lateralis* Lec. 84-22

Tcx.  
Ariz.  
Tex.

**Stenaspis** Serv. 34-51  
*(Smileceras* Lec. 50-8)  
 14784. *solitaria* (Say) 23-410  
     *unicolor* Dupont 40-11  
     85. *lugubris* Csy. 12-318  
     86. *verticalis* Serv. 34-52  
         *superba* Newn. 38-493  
     87. *arizonicus* Csy. 12-318

Kan.-Mex.  
[Ariz. L.Cal.  
Ariz.  
Tex.Ariz.Mex.  
Ariz.

**Æthecerinus** Ckll.  
14802. *latecinctus* Horn 80-134 Ariz.  
03. *wilsoni* Horn 60-570 Tex.Ariz.Mex.

**Oxoplus** Lec. 62-41

14804. <i>marginatus</i> Lec. 62-42 ♂	L. Cal.
<i>cruentus</i> Lec. 62-42 ♀	L. Cal.
05. <i>corallinus</i> Lec. 62-42	Wy. Ut. N. Mex.
06. <i>coccineus</i> Csy. 93-588	Utah
07. <i>jocosus</i> Horn 85-175	Colo. Ariz.
	So. Cal.

**Schizax** Lec. 73-195  
14808. senex Lec. 73-196 Ariz.

**Tylosis** Lec. 50-9

14809. robusta Csy. 12-342	Ariz.
10. maculata Lec. 50-9	Tex.-Ariz.
a. sellata Lec. 50-9	Mex.
11. argus Csy. 12-342	N.Mex.
12. sexualis Csy. 12-343	N.Mex.
13. texana Csy. 12-343	Tex.
14. subtruncata Csy. 12-343	N.Mex.
15. brevicollis Csy. 12-344	N.Mex.
16. medialis Csy. 12-344	N.Mex.
17. bifasciata Csy. 12-344	N.Mex.
conjuncta Csy. 12-344	N.Mex.
parva Csy. 12-345	N.Mex.
18. puncticollis Bates 85-325	Mex. Ariz.
19. oculata Lec. 50-9	Tex. Mex.

<b>Crossidius</b> Lec. 52-102	
14820. <i>ater</i> Lec. 61-256	Utah, Cal. Nev.
21. <i>punctatus</i> Lec. 73-196	Or. Cal.
22. <i>plagiatus</i> Csy. 12-336	?
23. <i>testaceus</i> Lec. 52-102	Colo. So. Cal.
24. <i>maculicollis</i> Csy. 12-337	So. Cal.
25. <i>intermedius</i> Lec. 73-196	Ariz. N. Mex.

26. longipennis Csy. 92-31	N.Mex.
27. crassipes Csy. 92-32	Wash.
28. wickhami Csy. 12-337	Utah
29. truncatellus Csy. 12-338	Utah
30. pulchellus Lec. 61-356	Cal. Colo.
a. sinuosus Csy. 12-339	? [N.Mex.]
b. retractus Csy. 12-339	Kan.
c. vegasensis Csy. 12-339	N.Mex.
31. debilis Csy. 12-339	Kan.
32. lanaticollis Csy. 12-339	?
33. hirtipes Lec. 54-18	Cal.-Wash.
34. humeralis Lec. 58-25	Tex. N.Mex.
35. allgewahri Lec. 78-461	Idaho
36. nitidicollis Csy. 92-33	Ariz.

**Purpuricen** Germ. 24-500  
14795. humeralis (Fab.) 98-143

Can. Atl.St.  
Mo. Ind.  
Mass.-Tex.  
Cal. [Ind.

96. axillaris Hald. 47-31  
97. dimidiatus Lec. 85-23

**Metaleptus** Bates 72-192  
 14798. *angulatus* (Chev.) 34-67  
           *marginellus* Bates 72-193  
       99. *batesi* Horn 85-174  
 14800. *femoratus* Schffr. 09-384  
       *gracilior* Fall 09-164

Mex. So. Cal.  
Ariz.  
Ariz.  
Ariz.

**Æthecerinus** Ckll. 07-154  
(*Æthecerus* || Chev. 62-532)  
14801. horni Lac. 69-184

Fla.

**Crossidius** Lec.

14837. discoideus (Say) 23-411 Neb. Idaho,  
N.Mex. So. Cal.  
pulchrior Bland 62-272  
38. blandi Csy. 93-589 Utah  
39. sayi Csy. 12-340 N.Mex.  
a. bilenticulatus Csy. 12-340 N.Mex.  
40. submetallicus Csy. 12-341 Colo.

**Sphænothecus** Dupont 38-55

- (*Ishnocnemis* † Lec. 73-316)  
(*Plionoma* Csy. 12-333)  
14841. suturalis Lec. 58-25 Tex. (Cal?.)  
42. rubens Csy. 92-34 Ariz.  
43. degener Csy. 12-334 Ariz.  
(*Taranomis* Csy. 12-333)  
44. bivittatus Dupont 38-58 Mex. Tex. Ariz.  
bilineatus Gory 39-45 [So. Cal.]  
(*?Entomosterna* Chev. 62-752)  
45. basalis Horn 94-401 L. Cal.  
46. cyanicollis Dupont 38-59 Mex. Tex. Ariz.  
47. pallidus Schffr. 05-132 L. Cal.

**Perarthrus** Lec. 52-101

14848. vittatus Lec. 52-102 So. Cal.

**Mannophorus** Lec. 53-442

14849. laetus Lec. 53-442 Mex. Tex.

**Amannus** Lec. 58-24

14850. pectoralis Lec. 58-25 So. Cal. Colo.  
51. vittiger Lec. 58-24 Tex. N. Mex.

**Batyle** Thoms. 64-201

14852. seclusa Csy. 12-327 N. Mex.  
53. ignicollis (Say) 23-412 Mont.-Tex.  
sanguinicollis (Germ.) 24-515  
54. punctipennis Csy. 12-328 N. Mex.  
55. acomana Csy. 12-328 N. Mex.  
56. oblonga Csy. 12-329 Utah

**Batyleoma** Csy. 12-329

14857. suturale (Say) 23-411 Atl. St. Mont.  
Cal. Can. Ind.  
Fla. So. Cal.  
miniata (Germ.) 24-515  
rubra Newn. 38-393 Ohio  
a. pearsalli (Bland) 62-272 Neb.  
b. rutilans Lec. 50-18 N. Mex.  
58. cylindrella Csy. 93-587 Tex.  
59. fontinalis Csy. 12-330 N. Mex.

## TRACHYDERINI

**Dendrobias** Serv. 34-41

14860. debilicollis Csy. 12-316 N. Mex.  
61. virens Csy. 12-316 Tex.  
62. peninsularis Csy. 12-316 L. Cal.  
63. reductus Csy. 12-316 So. Cal.

**Dendrobias** Serv.

14864. ?mandibularis Serv. 34-42 Mex. Ariz.  
(Tex.?)  
quadrimaculatus Dup. 36-22 L. Cal. So. Cal.

## LISSONOTINI

**Lissonotus** Dalm. 17-364

14865. flavocinctus Dup. 36-9 So. Am.-Ariz.  
a. multifasciatus Dup. 36-10 Mex. Ariz.  
L. Cal. So. Cal.

**Lissonotus** Dalm.

- b. puncticollis Bates 85-90 L. Cal. & Mex.  
c. lucanus Csy. 12-317 L. Cal.

## MEGADERINI

**Megaderus** Germ. 24-501

14866. bifasciatus Dup. 36-5 Mex. Tex. Ariz.  
corallifer Newn. 40-195

## LAMIINÆ

Leng & Hamilton 96; Casey 13.

## DORCADIINI

**Plectrura** Mann. 52-365

14867. spinicauda Mann. 52-366 Alas.-Or.  
producta Lec. 54-19

**Ipochus** Lec. 52-166

14868. hispidus Csy. 13-279 So. Cal.  
69. pubescens Csy. 91-45 So. Cal.  
70. parvulus Csy. 13-280 Cal.  
71. globicollis Csy. 13-280 So. Cal.

**Ipochus** Lec.

14872. subnitidus Csy. 91-45 So. Cal.  
73. fasciatus Lec. 52-167 So. Cal.  
74. pinicola Csy. 13-280 Cal.  
75. catalinae Csy. 13-281 So. Cal. Is.

**Parmenosoma** Schffr. 08-343

14876. griseum Schffr. 08-344 Tex.

## MONEILEMINI

**Moneilema** Say 24-403

- (*Moneilema* s. str.)  
14877. annulata Say 24-404 Kan. Mont.-  
Ariz. Nev.  
a. nubecula Csy. 13-282 Kan. Colo.  
b. demissa Csy. 13-282 Kan.

**Moneilema** Say

14878. cylindricollis Csy. 13-283 N. Mex.  
79. microsticta Csy. 13-283 Ariz.  
80. appressa Lec. 52-168 Tex. N. Mex.  
81. corrugans Csy. 13-284 Ariz. [Ariz.]  
a. ovipennis Csy. 13-284 Ariz.



**Moneilema** Say*(Collapteryx* Newm. 38-397)

14882. *lævigata* Bland 62-267 N.Mex. Kan.  
 a. *solida* Csy. 13-288 Tex.  
 b. *femoralis* Csy. 13-288 Tex.  
 83. *gigas* Lec. 73-236 Ariz.  
 a. *constricta* Csy. 13-285 Ariz.  
 b. *uteana* Csy. 13-285 Utah  
 c. *pimalis* Csy. 13-285 Ariz.  
 d. *spinicollis* Csy. 91-45 Ariz.  
 e. *pollens* Csy. 13-286 So.Ariz.  
 84. *semipunctata* Lec. 52-167 L.Cal.  
 85. *armata* Lec. 53-234 Tex. N.Mex.  
 Colo.

**Moneilema** Say

- a. *simplicicornis* Csy. 13-286 N.Mex.  
 b. *grylliceus* Csy. 13-287 N.Mex.  
 c. *rector* Csy. 13-287 Colo.  
 14886. *obtusa* Lec. 73-230 Utah  
 87. *spoliata* Horn 85-186 So.Cal. L.Cal.  
 88. *forte* Lec. 73-230 Ariz.  
 89. *subrugosa* Bland 62-267 L.Cal.  
 a. *opaca* Csy. 13-289 ?  
 90. *ulkei* Horn 85-186 N.Mex. Tex.  
 91. *variolare* Thoms. 67-77 Mex. (U.S.?)  
 92. *crassa* Lec. 53-234 N.Mex. Tex.

## CYRTININI

**Cyrtinus** Lec. 52-166

14893. *pygmaeus* (Hald.) 47-42 Can.-Ala. Ind.  
*minutissimus* (Dej.) 36-357

## PSENO CERINI

**Psenocerus** Lec. 52-158

14894. *supernotatus* (Say) 23-425 Can. N.C. Kan.  
 L.I. Ia.  
*lunifer* (Dej.) 36-375 Conn. Ind.

**Psenocerus** Lec.

- a. *tristis* Csy. 91-45 N.C.  
 b. *funebrius* Csy. 14-367 Pa.

## MONOCHAMINI

**Monochamus** Serv. 35-91,  
*(Monohammus* † auct.)

14895. *titillator* (Fab.) 75-279 Can.-Fla.  
 (Cal.?) Ind.  
 96. *angusticollis* Csy. 13-292 Tex.  
 97. *carolinensis* (Oliv.) 95-85 Va. N.J. Ind.  
*dentator* (Fab.) 75-278  
*minor* Lec. 73-231  
 98. *maculosus* Hald. 47-51 Colo. N.Mex.  
*clamator* Lec. 52-149 [Ariz.  
 99. *oregonensis* Lec. 73-231 Vanc. Cal. Or.  
 Wash. Alas.  
 Colo.  
 14900. *strenuus* Csy. 13-293 Wis. Ind. N.Y.  
 01. *notatus* (Drury) 75-65 Can. N.Eng.  
*confusor* Kby. 37-168 No.Cal.  
 02. *obtusus* Csy. 91-45 Colo.Mont.Or.  
 03. *monticola* Csy. 13-293 Me.-Wis.  
 04. *scutellatus* (Say) 24-289 (Cal.?) Ind.  
 H.B.T.  
*resutor* Kby. 37-167 L.Sup.  
*mutator* Lec. 50-235 Wis. N.S.  
 05. *marmorator* Kby. 37-169 [L.Sup.  
*fautor* Lec. 52-149  
*acutus* Lac. 69-316

**Ptychodes** Serv. 35-76

14906. *trilineatus* (L.) 71-532 La. Tex. Ariz.  
*vittata* (Fab.) 77-231 [L.Cal.  
 07. *abbreviatus* Csy. 93-593 Ariz.

**Dorchaschema** Lec. 52-147

14908. *wildi* Uhler 55-217 Md.-Ind.  
 09. *alternatum* (Say) 23-405 N.Y. Ill. S.C.  
 Tex. Fla. Ind.  
 10. *nigrum* (Say) 27-272 Can. Va. Ill. La.  
 Ind.

## MESOSINI

**Synaphæta** Thoms. 64-484

14926. *humeralis* Csy. 13-299 Cal.  
 27. *annulata* Csy. 13-300 Cal.

**Synaphæta** Thoms.

14928. *guexi* (Lec.) 52-166 So.Cal. Vanc.  
 29. *brevicollis* Csy. 13-300 Cal.

\* The numbers 14913 and 14914, which were used in error in the manuscript, are omitted.

## ACANTHODERINI

- Acanthoderes** Serv. 35-29  
 14930. peninsularis Horn 80-116 L.Cal. Ariz. N.Mex.
- Psapharochrus** Thoms. 65-544  
 14931. quadrigibbus (Say) 35-195 Mass. La. Fla. Ind.
- Ægomorphus** Hald. 47-45  
 14932. decipiens Hald. 47-45 Can.-Ga. La. Neb. Fla. Ind.
- (*Æthiopoctines* Thoms. 68-147)  
 33. morrisoni Uhler 55-417 Can. Pa. Md.  
 leucogenus Thoms. 68-148 Can.
- Thryallis** Thoms. 57-409  
 14934. undatus (Chev.) 35-61 Tex. Mex.
- Steirastoma** Serv. 35-24  
 14935. depressum (L.) 58-390 So. Am. (Fla.?)
- Peritapnia** Horn 94-404  
 14936. fabra Horn 94-404 Ariz.  
           wickhami (Leng) 96-114 So. Ariz.  
 37. nudicornis (Bates) 84-421 Mex. L. Cal.

## ACANTHOCININI

- Lagochirus** Er. 47-144  
 14938. araneiformis (L.) 67-625 So. Am. W. I. Fla.  
 39. procerus Csy. 13-304 (?L. Cal.)  
       ?obsoletus Thoms. 60-10 Mex. L. Cal.?
- Cænopœus** Horn 80-117  
 14940. palmeri (Lec.) 73-233 Ariz. So. Cal.  
 41. niger Horn 94-402 L. Cal.
- Glaucotes** Csy. 13-305  
 14942. yuccivorus (Fall) 07-83 So. Ariz.
- Leptostylus** Lec. 52-168  
 (*Amniscus* Dej. pars)  
 14943. aculifer (Say) 23-329 Can.-Wis. Fla. [Ind.]  
       marginellus (Hald.) 47-47 [Ind.]  
       tuberculatus (Fröl.) 32-123  
 44. albescens (Hald.) 47-46 Mo.  
       asperatus (Hald.) 47-46  
 45. divisus Csy. 13-306 Tex.  
 46. tæniatus Csy. 13-306 Fla.  
 47. argentatus Duv. 57-273 Cuba, So. Fla.  
 48. terræcolor Horn 80-122 Fla.  
       transversatus ‡ Lec. 78-414  
 49. mutilus Csy. 13-307 Fla.  
 50. planidorsus Lec. 73-234 Mich.-Fla.  
 51. lecontei Csy. 13-305 Fla.  
 52. nebulosus Horn 80-122 Nev. Wash.  
 53. arcuatus Lec. 78-414 Fla.  
       \*  
 54. collaris (Hald.) 47-46 Ala. Conn. Fla.  
       a. interruptus (Hald.) 47-48 N. Y. [Ky.]  
 55. crescenticus Csy. 13-306 Fla.  
       \*\*  
 56. albidus Lec. 52-168 Ariz.  
 57. biustus Lec. 52-169 Can. Fla. Tex.  
 58. minuens (Ham.) 96-123 Fla.  
       \*\*\*  
 59. perplexus (Hald.) 47-46 Ga. Fla.
- Astylopsis** Csy. 13-309  
 14960. macula (Say) 26-269 Can. Va. Wis. [Ind.]  
       sticticus (Hald.) 47-48 [Ind.]  
 61. guttata (Say) 25-269 Can. D. C. Wis. [Ind.]  
       sexguttata Say Lec. ed. 329 [Ind.]  
       commixta (Hald.) 47-47  
       punctata (Hald.) 47-491  
 62. pini (Schffr.) 05-165 Ariz.
- Astyliidius** Csy. 13-308  
 14963. parvus (Lec.) 73-234 Can. D. C. Kan. Fla. Tex. Ind.
- Astyliidius** Csy.  
 14964. versutus Csy. 13-308 D. C.  
       65. leiopinus Csy. 13-308 Tex.  
       66. schwarzi (Ham.) 96-124 Fla.
- Nyssodrysina** Csy. 13-309  
 (*Nyssodrys* ‡ Horn nec Bates)  
 14967. haldemani (Lec.) 52-173 Ga. Ala. (Pa.?)  
       — contempta Bates 64-152 Mex.
- Leiopus** Serv. 35-145  
 (*Liopus* ‡ auct.)  
 (*Amniscus* Hald. 45-46)  
 14968. variegatus (Hald.) 47-47 Can. Ala. Kan. [Ind.]  
       a. trifasciatus (Hald.) 47-47 [Ind.]  
       b. obscurus (Hald.) 47-47  
 69. wiltoni Horn 80-124 Tex.  
 70. setipes Csy. 91-48 Tex.  
 71. crassulus Lec. 73-235 (?N. J.)-L. Cal. Tex. Ind. Fla.  
 72. centralis Lec. 84-24 Ariz.  
 73. decorus Fall 07-84 Ariz.  
 74. dentatus Csy. 13-311 Ill.  
 75. punctatus (Hald.) 47-49 D. C. Ind. N. J. Wis. Fla. Conn. Ind.  
 76. fascicularis (Harris) 36-68 Ind.  
       rusticus Lec. 52-173  
       xanthoxyli Shimer 67-7 N. Y. Fla. Wis. D. C. [Ind.]  
 77. testaceus Csy. 13-312 Ind.  
 78. scapalis Csy. 13-312 Ind.  
 79. vicinus (Hald.) 47-49 N. Y. N. J.  
 80. pleuralis Csy. 13-312 D. C. Del.  
 81. misellus Lec. 52-173 Ind.  
 82. timidus Csy. 13-313 Pa.  
 83. obscurellus Csy. 13-313 No. N. Y.  
 84. cinereus Lec. 52-173 Fla. Ga. N. J. Mass. Ind. Can. Fla. [Tex.]  
 85. alpha (Say) 27-270  
       lateralis (Hald.) 47-48  
       ?divergens (Hald.) 47-48  
       a. floridanus Ham. 96-125 Fla.  
 86. foveatocollis Ham. 96-125 Fla.  
 87. moderator Csy. 13-314 D. C.  
 88. texanus Csy. 13-315 Tex.  
 89. houstoni Csy. 13-315 Tex.  
 90. mimeticus Csy. 91-48 Tex.
- Mecotetartus** Bates 72-213  
 (*Eutessus* Lec. 73-235)  
 14991. antennatus Bates 72-213 L. Cal.-Nic.  
       asper (Lec.) 73-339
- Lepturgoides** Schffr. 05-166  
 14992. pini Schffr. 05-166 Ariz.

**Lepturges** Bates 63-367

14993. canus Csy. 13-317 Tex.  
 94. confluens (Hald.) 47-50 Atl. St.  
   a. angulatus Lec. 52-172 Tex.  
 95. symmetricus (Hald.) 47-50 N.Y. Ont. Ind.  
   pictus Lec. 52-171 [Ariz. Fla.  
   a. yucca Schffr. 05-167 Ariz.  
 96. megalops Ham. 96-127 Fla.  
 97. regularis Lec. 62-39 Ky. Ohio, Ind.  
 98. signatus Lec. 52-171 Can. Fla. Ia.  
 99. tenebrosus Csy. 13-320 No. N.Y. [Ind.  
 15000. celtis Schffr. 05-168 Tex.  
 01. querci Fitch 58-796 Can. Pa. Ohio,  
   Wis. Ind.  
 02. tristis Csy. 13-321 Pa.  
 03. facetus (Say) 27-221 Mass. Wis.  
   W. Va. Ind.

**Valenus** Csy. 91-50

15004. inornatus Csy. 91-50 Tex.

**Hyperplatys** Hald. 47-49

15005. maculata Hald. 47-49 Pa. Ariz. Ct.  
 06. lentiginosa Csy. 13-325 R. I. [Ind.  
 07. montana Csy. 13-325 Colo.  
 08. robustula Csy. 13-326 Ind.  
 09. amnicola Csy. 13-326 Ia.  
 10. delicata Csy. 13-327 R. I.  
 11. nigrella Hald. 47-49 Pa.  
 12. cryptica Csy. 13-327 Ind.  
 13. variolata Csy. 13-328 D. C. N. Y.  
 14. frigida Csy. 13-328 Me.  
 15. binocularis Csy. 13-328 N. Y.  
 16. aspersa (Say) 23-330 Ind. N. Y. Ct.  
   Can. Wis. Fla.  
 17. vigilans Csy. 13-329 D. C.  
 18. femoralis Hald. 47-49 Fla.  
 19. californica Csy. 91-51 Cal.

**Ceratographis** Gahan 87-300

15020. biguttatus (Lec.) 52-172 Can. Mich.  
 Pa. Ind.

## GRAPHISURINI

**Urographis** Horn 80-128

15021. fasciata (DeG.) 75-414 Me.-Can. Wis.  
   Fla. Ind.  
   despecta Lec. 50-234  
   mixtus (Fab.) 98-144  
   a. reducta Csy. 13-333 N. Y.  
 22. hebes Csy. 13-333 Ia. N. Y.  
 23. triangulifera (Hald.) 47-45 O. La. Ga.

**Graphisurus** Kby. 37-169

- (*Acanthocinus* auct.)  
 (*Edilis* † auct.)  
 (*Graphisurus* s. str.)  
 15024. obsoletus (Oliv.) 95-130 Can. Wis. Fla.  
 25. floridanus Csy. 13-336 Fla.  
 26. pusillus Kby. 37-169 Me.-No. N. Y.  
 27. acomanus Csy. 13-337 N. Mex.

**Graphisurus** Kby.

15028. obliquus Lec. 62-39 So. Cal. Ariz.  
   a. sedulus Csy. 13-337 Ut. Cal.  
 29. pacificus Csy. 13-338 N. Mex.  
 30. angulosus Csy. 13-338 No. Cal.  
   (*Canonura* Csy. 13-335) N. Mex.  
 31. spectabilis (Lec.) 54-82 Vanc. Nev.  
   Ariz. So. Cal.  
 32. princeps (Walker) 66-331 Vanc.-No. Cal.  
 33. vinctus Csy. 13-340 No. Cal.  
   (*Tylocerina* Csy. 13-335)  
 34. nodosus (Fab.) 75-164 N. J. Fla.  
   bifidator (Fab.) 01-286  
 35. laticollis Csy. 13-341 N. C.  
   \*  
 36. linearis Skinner 05-290 So. Ariz.

## DECTINI

**Dectes** Lec. 52-144

15037. spinosus (Say) 27-271 Mass.-La.  
   Colo. L. Cal.?  
   Ind.  
 38. texanus Lec. 62-39 Tex.  
 39. alticola Csy. 13-342 Mont.-N. Mex.

**Dectes** Lec.

15040. thoracicus Csy. 13-342 Ariz.  
 41. brevis Csy. 13-342 L. I. N. C.  
 42. latitarsis Csy. 13-342 Tex.  
 43. brevisetosus Csy. 13-343 Ariz.  
 44. discolor Csy. 13-343 Ariz.

## POGONOCHERINI

*Estola***Estola** Fairm. 59-524

15045. sordida Lec. 73-237 L. Cal.  
 46. tigrina (Skinner) 05-291 Ariz.

*Hoplosia***Hoplosia** Muls. 63-300

15047. nubila (Lec.) 62-39 Can. N. Y. Ill.

*Pogonocherus***Pogonocherus** Latr. 29-124

15048. crinitus Lec. 73-237 Vanc. So. Cal.  
 49. penicellatus Lec. 50-234 Me.-L. Sup.  
 50. propinquus Fall 10-6 So. Cal.  
 51. carinatus Csy. 13-346 Colo.  
 52. arizonicus Schffr. 08-346 Ariz.  
 53. parvulus Lec. 52-160  
 54. salicicola Csy. 13-347 Mass.

**Pogonocherus** Latr.

15055. pictus Fall 10-6 Colo. N. Mex.  
   cmarginatus Csy. 13-347 Colo.  
 56. mixtus Hald. 47-50 Can. Me.-  
   Mont.-Ariz.  
   Ind.  
   Mont.  
 57. fastigiatus Csy. 13-348  
 58. simplex Lec. 73-237  
 59. concolor Schffr. 09-101 Cal.  
 60. alaskanus Schffr. 09-385 Alaska  
 61. oregonus Lec. 61-254 Or. Cal. Idaho  
 62. negundo Schffr. 05-164 Ariz.  
 63. obscurus Fall 10-5 Ariz.  
 64. californicus Schffr. 08-347 Cal.  
   (*Lophopæum* † Cr. 73-81 nec Bates)  
 65. volitans (Lec.) 73-232 L. Cal.  
   — fasciculatus (DeG.) 75-71 † Greenland

† Introduced.



**Ecyrus** Lec. 52-160

15066. fasciatus Ham. 96-137 Tex.  
 67. dasycerus (Say) 26-270 N.H.-Mich.  
     obscurus (Hald.) 47-50 N.C. Fla. Ind.  
     a. texanus Schffr. 08-347 Pa.  
 68. exiguus Lec. 52-160 Tex.  
     O. Ga. Kan.

*Eupogonii***Eupogonius** Lec. 52-159

15069. tomentosus (Hald.) 47-50 Can.-Fla.  
     pinivora Fitch 57-26  
 70. vestitus (Say) 27-273 Can.-Ala. Tex.  
     Ind. Fla.  
     pauper Lec. 52-159  
 71. pubescens Lec. 73-236 Ohio, Ill.

**Eupogonius** Lec.

15072. subarmatus (Lec.) 59-22 Can.-Pa.  
 73. fraxini Knull 18-132 Pa. Va.  
 74. fulvovestitus Schffr. 05-134 Tex.

**Lypsimena** Lec. 52-155

15075. fuscata Lec. 52-155 N.Y.-Fla.  
 76. californica Horn 85-194 So. Cal. [Cuba]

*Zaploi***Pygmæopsis** Schffr. 08-347

15077. viticola Schffr. 08-348 Tex.

**Zaplous** Lec. 78-415

15078. hubbardi Lec. 78-415 Fla.

## DESMIPHORINI

**Desmiphora** Serv. 35-62

15079. mexicana Thoms. 60-75 Mex. (Tex.?)

**Desmiphora** Serv.

15080. intricata Csy. 13-350 Tex.  
     ?hirticollis (Oliv.) 95-68 Brazil

## ONCIDERINI

**Lochmæocles** Bates 80-124

15081. marmoratus Csy. 13-351 Ariz.  
     ?tessellatus (Thoms.) 67-90 So. Am.

**Oncideres** Serv. 35-67

15082. pustulatus Lec. 54-82 Tex. (Laredo)  
     83. cornuticeps Schffr. 06-20 Tex.  
     84. trinodatus Csy. 13-352 Tex. Ariz.  
     ?putator Thoms. 67-81 Ariz.  
     85. quercus Skinner 05-291 Ariz.  
     86. texanus Horn 85-195 Tex. Kan.  
     87. subtropicus Csy. 13-353 Tex.

**Oncideres** Serv.

15088. cingulatus (Say) 27-272 Pa. Conn.-Fla.  
     a. pallescens Csy. 13-353 N.Y.  
     89. præciciens Csy. 13-354 N.C.

**Taricanus** Thoms. 67-73

15090. truqui Thoms. 67-74 Tex. Mex.

**Probatius** Thoms. 60-17

15091. umbraticus (Duval) 57-272 Cuba, Fla.  
     umbratilis † auct.

## ATAXIINI

**Aporataxia** Ham. 96-142

15092. lineata Ham. 96-142 Tex.

**Ataxia** Hald. 47-56

15093. spinicauda Schffr. 04-224 So. Fla.  
     94. sulcata Fall 07-84 Fla.

**Ataxia** Hald.

15095. crypta (Say) 32-6 Pa.- N. Mex.  
     sordida Hald. 47-56 [Fla.]  
     96. setulosa Fall 07-84 L. Cal.  
     97. tibialis Schffr. 08-348 Tex.

## HIPPOPSINI

**Hippopsis** Serv. 25-336

15098. lemniscata (Fab.) 01-330 N.Y.-Fla. Tex.  
     lineola Serv. 25-336 [Ind.]

**Dorcasta** Pascoe 58-264

- (*Aegilopsis* Horn 60-571)  
 15099. cinerea (Horn) 60-571 Tex.

**Sicyobius** Horn 80-137

15100. brousi Horn 80-137 W. Kan. Tex.

**Parmenonta** Thoms. 67-157

15101. wickhami Schffr. 08-350 Tex.

**Spalacopsis** Newn. 42-303

- (*Euthuorus* Duv. 57-276)  
 15102. costulata Csy. 13-355 Fla.  
     ?filum (Guér.) 30-247

03. scapalis Csy. 13-355 Fla.

*(Spalacopsis s. str.)*

04. suturalis Ham. 96-145 So. Fla.

05. suffusa Newn. 40-305 Fla.

06. texana Csy. 91-51 Tex.

07. stolata Newn. 40-305 Fla. Cuba

- ?linum † Ham. 96-145

08. pertenuis Csy. 13-357 Fla.

## SAPERDINI

## Felt &amp; Joutel 04

**Saperda** Fab. 75-184

15109. obliqua Say 27-274 Can. Wis. Mo.  
     Ala.  
     10. mutica Say 23-409 Can.-Kan.  
     N.Y. Ind.  
     11. horni Joutel 02-33 No. Cal.-Wash.

**Saperda** Fab.

15112. candida Fab. 87-147 Mc.-Mich. Ala.  
     bivittata Say 23-409  
     13. calcarata Say 23-408 Mass.-Vanc.  
     Tex. Ind.  
     a. adspersa Lec. 50-234 L. Sup.

**Saperda** Fab.

15114. tridentata Oliv. 95-30 R.I.-Wis.-Tex.  
dubiosa Hald. 47-45 [Ind.  
a. trifasciata Csy. 13-359 Ind.  
15. cretata Newn. 38-395 Mass.-Wis.  
Tex.  
16. discoidea Fab. 98-147 N.Y. Mich.-La.  
fuscipes Say 27-273 ♀ [Ind. Conn.  
dorsalis Hald. 47-56  
17. vestita Say 24-290 Mass. Wis.-Pa.  
atkinsoni Curtis 28-275 [Ind.  
18. imitans Felt & Joutel 04-58 Mass. Wis.-Pa.  
Ind.  
19. lateralis Fab. 75-185 Mass. Wis.-Va.  
Ind.

**Saperda** Fab.

- a. connecta Felt & Joutel 04-60 Wis.-Kan.  
Mass. N.Y.  
15120. fayi Bland 63-320 N.Y.-O.-Pa.  
21. puncticollis Say 23-406 Can.-Ark.-La.  
trigeminata Rand. 38-43 Mass.  
22. populnea (L.) 66-1047 Eur. & Wash.-  
So. & No. Cal.  
a. mœsta Lec. 50-234 Can.-Wy. Pa.  
b. tulari Felt & Joutel 04-70 Cal. Wash.  
Ariz.  
23. concolor Lec. 52-163 N. Mex. Ariz.  
a. unicolor Felt & Joutel 04-74 Mass.-Id.-Pa.  
b. mecasoides Csy. 13-359 N.Y. [Ind.

## PHYTOECIINI

**Mecas** Lec. 52-155

15124. cana (Newn.) 40-12 Fla.  
25. saturnina Lec. 59-21 Kan.  
26. inornata (Say) 23-407 Nev. Ia.-Mex.  
?cinerea (Newn.) 40-13 [Cal.  
?senescens Bates 84-86  
27. cineracea Csy. 13-361 Tex.  
28. marginella Lec. 73-239 Tex. N. Mex.  
Ill.  
29. pergrata (Say) 23-408 Dak.-La. Ind.  
gentilis Lec. 52-154  
30. brevicollis Csy. 13-362 Kan.  
31. ruficollis Horn 78-44 Tex. Mex.  
32. femoralis (Hald.) 47-59 D.C.-Fla.

**Oberea** Muls. 39-194

15133. quadricollis Lec. 74-68 Cal.  
34. schaumii Lec. 52-153 La. Pa. Conn.  
wapleri Chev. 52-420 [Ind. (Cal.?)  
35. pruinosa Csy. 13-365 Mo.  
36. ferruginea Csy. 13-366 Kan.  
37. pallida Csy. 13-366 Me.  
38. tripunctata (Swed.) 87-197 Can. Fla. N.  
mandarina (Fab.) 01-321 ♂ [Mex. Ind.  
amabilis Hald. 47-57  
?myops Hald. 47-57 No. Ga.  
?oculaticollis (Say) 23-406

**Oberea** Muls.

- a. intermedia Csy. 13-367 Ind. Ill. Miss.  
b. appalachiana Csy. 13-367 N.C.  
15139. praelonga Csy. 13-368 No. N.Y.  
40. exilis Csy. 13-368 Pa.  
41. delicatula Csy. 13-368 D.C.  
42. perspicillata Hald. 47-57 N.C.  
43. montana Csy. 13-369 Utah, Idaho  
44. filum Csy. 13-369 Pa.  
45. basalis Lec. 52-153 Ga. N.C. Fla.  
46. iowensis Csy. 13-370 Ia. No. Ill.  
47. insignis Csy. 13-370 N.C.  
48. bimaculata (Oliv.) 95-21 Pa. Conn. Ind.  
tripunctata † (Fab.) 98-310  
?affinis Harris 42-91  
?texana Horn 78-47  
49. flavipes Hald. 47-57 Md.  
50. umbra Csy. 14-370 N.C.  
51. dolosa Csy. 13-371 N.C.  
52. ocellata Hald. 47-57 N.Y. Fla. Tex.  
Conn. Ind.  
a. plagiata Csy. 13-371 N.C.  
53. ruficollis (Fab.) 75-311 Mass.-Ga.  
plumbea (Oliv.) 95-21 [Kan. Ind.  
?tibialis Hald. 47-57 Pa.  
femoralis † Lec. 52-153  
54. gracilis (Fab.) 01-324 N.Y.-Fla.

## TETRAOPINI

**Tetrops** Steph. 39-269

- (Phæa Newn. 40-13)  
(Oberopa Hald. 47-57)  
15155. canescens Lec. 52-157 N.J. Kan.  
N. Mex.  
56. jucunda Lec. 62-40 M. St. Neb. Pa.  
57. expurgata Csy. 13-386 Ind.  
58. monostigma (Hald.) 47-57 Pa. Ind.

**Tetraopes** Serv. 35-68

15159. discoideus Lec. 58-26 Tex.-Idaho  
?rubrocinerus Thoms. 60-67  
60. nigricollis Csy. 13-376 N. Mex.  
61. nanulus Csy. 13-376 Ariz.  
62. canteriator (Drap.) 19-47 Can. Fla. Ia.  
arator (Germ.) 24-486 [Ind.  
13-punctatus (Drap.) 19-47  
63. elegans Horn 94-401 L. Cal.  
64. quinquemaculatus Hald. 47-53 N. Mex. Ind.  
a. texanus Horn 78-49 Tex.  
65. mancus Lec. 59-81 Cal. Nev.

**Tetraopes** Serv.

15166. omissus Csy. 13-377 Cal.  
67. vestitus Csy. 13-378 Colo.  
68. canescens Lec. 52-157 Kan. Tex.  
annulatus || Lec. 47-93 [N. Mex.  
a. fontinalis Csy. 13-378 N. Mex.  
69. uteanus Csy. 13-378 Utah  
70. tetrophthalmus (Forst.) 71-41 Conn. Ind.  
tornator (Fab.) 75-287 Can. S. C. Kan.  
a. iowensis Csy. 13-386 Ia.  
71. humeralis Csy. 13-379 Dak.  
72. junctus Csy. 13-380 Colo.?  
73. velutinus Csy. 13-380 Kan.  
74. robustus Csy. 13-381 Colo.?  
75. brevisetosus Csy. 13-381 Kan.  
76. sublaevis Csy. 13-382 Cal.  
77. obsoletus Csy. 13-382 No. Cal.  
78. coccineus Csy. 13-382 Cal.  
79. sandix Csy. 14-370 So. Cal.  
80. punctipennis Csy. 13-383 Tex.  
81. atrisetosus Csy. 13-383 N. Mex.

**Tetraopes** Serv.

15182. *femoratus* Lec. 47-93  
 a. *amnicola* Csy. 13-383  
 b. *monticola* Csy. 13-384  
   *?basalis* Lec. 52-157  
   *?oregonensis* Lec. 69-81  
   *?texanus* Horn 78-49  
 83. *collaris* Horn 78-49  
   *vegassensis* Csy. 13-380

Ill. Cal. Ariz.  
 So. Cal. Ind.  
 Ia.  
 Utah  
 Wash.-Ariz.  
 Colo. N. Mex.  
 N. Mex.

**Tetraopes** Serv.

15184. *ruber* Csy. 13-384 Ariz.  
 85. *spissicornis* Csy. 13-384 Ariz.

**Amphionycha** Lec. 52-154

15186. *flammata* (Newn.) 40-13 N.Y. Fla. Kan.  
   *marginata* ‡ (Hald.) 46-373 [Ind.]  
   *ardens* Lec. 59-22 Fla.  
 87. *amoena* Ham. 96-161 Tex.  
 88. *suturalis* Linell 96-398 Tex.

## CHRYSOMELIDÆ

## SAGRINÆ

Clavareau 13

**Aulacoscelis** Chev. 43-338

15189. *femorata* Jac. 88-5  
 90. *högei* Jac. 88-3

Mex. Ariz.  
 Mex. (Vanc.?)

**Aulacoscelis** Chev.

15191. *purpurea* Horn 92-46 So. Cal.  
   *candezei* Chap. 74-55 N. Mex. Ariz.  
   Mex. (U.S.?)

## DONACIINÆ

Leng 91; Clavareau 13

**Haemonia** Latr. 29-136

- (*Macroplæa* Sam. ined.)  
 15193. *nigricornis* Kby. 37-222 U.S. Mex. Ind.  
   *americana* Guér. 44-259  
   *flohri* Jac. 84-126  
   *melsheimeri* Lac. 45-211

**Donacia** Fab. 75-195

15194. *hirticollis* Kby. 37-226 Cal. Can. N.Y.  
   *rudicollis* Lac. 45-108  
 95. *pubicollis* Suffr. 72-21 Ill. Ind.  
 96. *pubescens* Lec. 67-55 Can. Mich. Ill.  
   Ind.

\*

97. *floridæ* Leng 91-166 Fla.-N.J.  
 98. *proxima* Kby. 37-225 Cal. Can. N.H.  
   *episcopalis* Lac. 45-105 [Ind. Nfld.]  
   *quadricollis* var. Say 27-282  
   *californica* Lec. 61-357  
 a. *cincticornis* Newn. 38-391 Mass.-Mich.  
   Tex. Ind. (Fla.)  
   *lucida* Lac. 45-106  
   *pulchella* Lec. 51-312  
   *rufipennis* Lac. 45-110  
 b. *magnifica* Lec. 50-236 L. Sup. H.B.T.  
   Can.  
 99. *palmata* Oliv. 95-8 Can. Wis. Pa.  
   *claudicans* Germ. 21-173 [Ind.]  
   *militaris* Lac. 45-115  
   *assimilis* Lac. 45-153  
   *vicina* Lac. 45-154  
   *cœrulea* Oliv. 95-10  
 15200. *hypoleuca* Lac. 45-101 La. Tex. Fla.  
   *texana* Cr. 73-22  
 01. *rufescens* Lac. 45-112 (Fla.?) Mass.-  
   N.J. Ind.  
 02. *piscatrix* Lac. 45-113 N.Y. Fla. Cal.  
   *alutacea* Lec. 51-311 [Ind.]  
   *carolina* Lac. 45-114  
   *congener* Lec. 51-310  
   \*\*  
 03. *subtilis* Kunze 18-14 N.H. Can.  
   Dak. Ind.

**Donacia** Fab.

- aenea* || Ahr. 10-21 Colo. Pa.  
*aerea* Lac. 45-148  
*confluens* Lec. 51-312  
*confluenta* Say 27-293  
*fulgens* Lec. 50-236  
*quadricollis* Say 27-282  
 15204. *curticollis* Knab 06-122 Ill. Ind.  
 05. *megalocera* Weise 13-18 Ind.  
   *megacornis* || Blatch. 10-1103  
 06. *rugosa* Lec. 78-415 Fla.-Mass.  
   Ind.  
 07. *porosicollis* Lac. 45-150 Mich. Pa.  
   \*\*\*  
 08. *harrisi* Lec. 51-316 Mass. N.Y.  
   Ind.  
 (*Plateumaris* Thoms. 66-121)  
 15209. *æqualis* Say 23-428 Can. Ga. Ia.  
   *confusa* Lac. 45-109 [Ind.]  
   *pallipes* Lac. 45-109  
 10. *tuberculata* Lac. 45-155 Mass.-D.C.  
   *rutilla* Melsh. 47-159  
 11. *distincta* Lec. 50-236 Mass.-Wis.  
   *æqualis* ‡ Kby. 37-227 [Ind.]  
 12. *torosa* Lec. 51-313 Mass.-Ia.  
 13. *pusilla* Say 27-293 Mass.-Vanc.  
   *aurifera* Lec. 50-237 [Nfld.]  
   *cataractæ* Newn. 38-391  
   *cuprea* Kby. 37-225  
   *dives* Lec. 51-314  
   *fulvipes* Lac. 45-192  
 a. *pyritosa* Lec. 57-66 Cal. Nfld.  
 14. *femoralis* Kby. 37-223 Can.-Vanc.  
   [Alas.]  
   *flavipennis* Mann. 43-306  
   *germari* Mann. 43-306  
   *indica* Melsh. 47-158  
 15. *metallica* Ahr. 10-33 Mass. Fla. Ill.  
   *gentilis* Lec. 51-314 [Ind.]  
   *nana* Melsh. 47-160  
 16. *emarginata* Kby. 37-224 Mass. Vanc. Pa.  
   *aurichalcea* Melsh. 47-159 [Nfld. Ind.]  
   *biimprensa* Melsh. 47-151



**Donacia** Fab.

- junci Couper 64-88  
 rugifrons Newn. 38-391  
 15217. flavipes Kby. 37-223 Can. Mich. Pa.  
 chalcea Lac. 45-188 [Ind.]  
 jucunda Lec. 50-237  
 parva Lac. 45-190

**Donacia** Fab.

15218. rufa Say 27-283 Can. Mass. O.  
 affinis Kby. 37-224 [Ind.]  
 kirbyi Lac. 45-202  
 metallica † Say 27-283  
 sulcicollis Lac. 45-186  
 — nitida Germ. 11-31 N. Am.

**ORSODACNINÆ**

Horn 92; Clavareau 13

**Orsodacne** Latr. 02-223

15219. atra (Ahr.) 10-46 N. Eng.-Vanc.  
 Ind. N. C. Colo.  
 a. childreni Kby. 37-221 Can. [Ariz.]  
 b. hepatica Say 27-281 Miss. Ind.  
 ruficollis Newn. 38-392  
 c. luctuosa Lac. 45-72 Or.  
 d. tibialis Kby. 37-221 Can. L. Sup.  
 inconstans Newn. 38-391  
 e. trivittata Lac. 45-71 Ind.  
 tricolor Melsh. 47-60  
 f. vittata Say 23-430 Ind. Conn.  
 armeniaceæ Germ. 23-526

**Syneta** Lac.

15224. albida Lec. 57-66 Or.-Cal.  
 suturalis Lec. 59-90  
 seriata Lec. 59-90  
 (Thricolema Cr. 74-79)  
 25. anomala Cr. 74-79 Cal.

**Zeugophora** Kunze 18-71

- (Taraxis Lec. 50-237)  
 15226. abnormis (Lec.) 50-237 L. Sup.-Wash.  
 N. Mex.  
 27. kirbyi Baly 64-183 W. N. Y.  
 28. reineckeï Grote 79-5 N. Y.  
 29. scutellaris Suffr. 40-99 Eur. & Sib. Ill.  
 Or. Mich. Ind.  
 30. consanguinea Cr. 73-23 N. Mex.  
 No. Ill. Ind.  
 31. californica Cr. 74-78 Conn.  
 32. puberula Cr. 73-23 Or.-So. Cal.  
 33. varians Cr. 73-27 Mass. Ill.  
 Pa.-Wash. Ind.

**Syneta** Lac. 45-266

15220. carinata (Mann.) 43-307 Alas. Id. Ut.  
 21. simplex Lec. 57-66 Or. Wash.  
 22. hamata Horn 93-133 Alas. No. Cal.  
 23. ferruginea (Germ.) 11-34 Lab. Nfld. Va.  
 tripla Say 27-281 [Mich. Ind.]  
 costata Newn. 38-391  
 rubicunda Lac. 45-230

**CRIOCERINÆ**

Clavareau 13

**Crioceris** Geoff. 62-237

15234. asparagi (L.) 58-376 †Eur. & L. I.  
 Va. O. Conn.  
 35. duodecimpunctata (L.) 58-376 †Eur. Md. D. C.  
 N. J. Conn.

**Lema** Fab. 98-90

15236. cornuta Fab. 01-475 U. S. Mex. Fla.  
 37. concolor Lec. 85-24 N. Mex.  
 38. texana Cr. 73-24 Tex. Fla.  
 39. brunnicollis Lac. 45-391 Ind. Fla. Conn.  
 40. palustris Blatch. 13-22 Ind.  
 41. coloradensis Linell 98-475 Colo.  
 42. maculicollis Lac. 45-392 N. Am. Fla.  
 43. collaris Say 24-430 Mo. Ind. Fla.  
 44. longipennis Linell 98-474 Colo.  
 45. peninsulæ Cr. 73-24 Cal.  
 46. solani Fab. 98-93 N. Am. Fla.  
 47. omogera Horn 94-405 L. Cal.  
 48. circumvittata Clark 66-41 Fla.  
 49. balteata Lec. 85-24 Ariz.  
 50. conjuncta Lac. 45-408 Tex. Ark.  
 N. Am.

**Lema** Fab.

15251. confusa Chev. 35-166 Cuba, Mex.  
 52. lebioides Linell 98-474 Tex. [Fla.]  
 53. trilineata (Oliv.) 08-739 Cuba, Mex.  
 lecontei Clark 66-31 Conn. Fla. Ind.  
 trivirgata Lec. 59-22  
 trivittata Say 24-429  
 a. immaculicollis Chev. 35-112  
 54. flavida Horn 94-405 L. Cal.  
 55. nigrovittata Guér. 29-262 Mex. So. Cal.  
 Ariz.  
 56. sexpunctata Oliv. 08-738 N. Am. Mex.  
 sexmaculata Germ. 23-526  
 a. albini Lac. 45-492 Ind. Fla.  
 b. ephippium Lac. 45-483 Fla.  
 57. æmula Horn 94-406 L. Cal.  
 58. jacobina Linell 98-474 Tex.  
 59. sayi Cr. 73-25 So. St. Ind.  
 — ornata Grav. 07-138 N. Am.  
 — melanocephala Say 27-294 N. Am.  
 — pubipes Clark 66-52 Tex.

**MEGASCELINÆ**

Clavareau 13

**Megascelis** Latr. 29-138

15260. texana Linell 98-473 Tex.

† Introduced.

## CLYTRINÆ

## CLYTRINI

Clavareau 13

**Antipus** DeG. 78-659

- (*Anomæa* Lac. 48-130)  
 15261. hoegei Jac. 88-66 Mex. Tex.  
 62. laticlavata (Forst.) 71-27 U.S.-So. Am.  
 Ind.  
 ephippium (Germ.) 23-548 ♀  
 Conn.-Fla.

**Antipus** DeG.

- mutabilis (Lac.) 48-137  
 nigripes (Fab.) 76-221 ♂  
 obsita (Fab.) 75-106  
 ?ruficauda Foersb. 21-261  
 15263. militaris Lec. 58-83 Tex.

## MEGALOSTOMINI

Horn 92

**Megalostomis** Lac. 48-519

- (*Minturnia* Lac. 48-520)  
 15264. pyropyga Lac. 48-524 Mex. & Ariz.  
 65. major (Cr.) 73-29 Tex. Ariz.  
 66. subfasciata (Lec.) 67-56 Kan. Ariz.

**Coscinoptera** Lac. 48-511

## A.

15267. dominicana (Fab.) 01-34 N. Eng.-Fla.  
 Mex. Ind.  
 franciscana Lec. 59-22 Kan.  
 dorsalis Lec. 74-25 Ariz.  
 68. seminuda Horn 92-13 Ariz.  
 69. vittigera Lec. 61-357 Dak.-Ariz.

## B.

70. axillaris Lec. 68-56 Colo.-Tex.  
 71. canella Lec. 74-25 So. Cal. Ariz.  
 bifaria Lec. 74-25

**Coscinoptera** Lac.

15272. schæfferi Clav. 07-88 L. Cal.  
 tibialis || Schffr. 05-135  
 73. mucorea Lec. 58-83 So. Cal. Ariz.  
 74. ænescens Cr. 73-29 Ga.  
 75. æneipennis Lec. 58-26 Tex. Ariz. Mex.  
 So. Cal.

**Euryscopa** Lac. 48-493

15276. lecontei Cr. 73-28 Tex. Ariz. Mex.  
 scapularis ‡ Lec. 58-41 [So. Cal.]  
 longicollis Jac. 88-78  
 parvula Jac. 88-79 Ariz.  
 77. pusilla Horn 92-16 Tex.  
 78. subnigra Schffr. 05-136 L. Cal.  
 79. subtilis Horn 92-17 So. Cal.  
 80. vittata Lec. 58-26 Tex. Ariz.  
 81. pilatei Lac. 48-504 Tex. [So. Cal.]

## BABIINI

**Babia** Lac. 48-424

15282. quadriguttata (Oliv.) 91-37 U.S. & Mex.  
 Ariz. Ind.  
 Conn. So. Cal.  
 quadriforis (Newn.) 41-78  
 a. pulla Lac. 48-429  
 b. tetraspilota Lec. 58-83  
 83. humeralis (Fab.) 01-37 Mex.-U.S.  
 costalis (Försb.) 21-271

**Urodera** Lac. 48-449

15284. crucifera Lac. 48-454 Mex.-U.S.  
 Ariz.

**Ischiopachys** Lac. 48-468

15285. proteus Lac. 48-470 Mex.-U.S.

**Saxinis** Lac. 48-478**Saxinis** Lac.

15286. speculifera Horn 92-10 So. Cal.  
 87. saucia Lec. 57-66 So. Cal.-Vanc.  
 bisignata (Walk.) 66-333  
 a. propinqua Jac. 76-810 Cal.  
 b. politula Horn 92-10 Cal. So. Cal.  
 c. californica Schffr. 06-225 Cal.  
 88. apicalis Lec. 85-25 So. Ariz.  
 89. scutellaris Schffr. 06-222 Ariz.  
 90. sonorensis Jac. 89-88 Ariz.  
 91. horni Fall 09-165 L. Cal.  
 (So. Cal.?)  
 92. omogera Lac. 48-482 Vt. N.J. Ga.  
 Nev. Ariz. Ind.  
 a. sinuata Schffr. 06-225 Tex. Ariz.  
 93. subpubescens Schffr. 06-221 Ariz.  
 94. knausi Schffr. 06-222 Kan.

## CHLAMYDINÆ

Linell 98; Schaeffer 06; Clavarcau 13

**Chlamys** Knoch 01-122

15295. prosternalis Schffr. 06-227 Tex.  
 96. memnonia Lac. 48-708 Ariz. Tex.  
 97. gibbosa (Fab.) 77-212  
 plicata (Fab.) 98-111 Conn. Fla. Tex.  
 tuberosa Knoch 01-128 [Ind.]  
 98. tuberculata Klug 24-122 Fla.  
 99. cribripennis Lec. 78-614 Mich.  
 15300. foveolata Knoch 01-130 Tex. Fla.  
 affinis Klug 24-115  
 assimilis Klug 24-239  
 polycocca Lac. 48-704  
 01. maculipes Chev. 35-120 Mex.-Tex.

**Chlamys** Knoch.

15302. texana Schffr. 06-227 Tex.  
 03. huachucae Schffr. 06-228 Ariz.  
 04. arizonensis Linell 98-476 Ariz.

**Exema** Lac. 48-844

15305. gibber (Oliv.) 91-876 Fla. La.  
 nodulosa (Blatch.) 13-22 Fla.  
 06. conspersa (Mann.) 43-311 Atl.-Pac. Ind.  
 Conn. Md.  
 So. Cal.  
 rugulosa (Mots.) 45-109  
 a. dispar Lac. 48-850 Ariz.

## CRYPTOCEPHALINÆ

## PACHYBRACHYNI

Fall 15

**Griburius** Hald. 49-245

(Scolochrus Suffr. 52-104)

15307. larvatus (Newn.) 40-250 Fla.-Mex.  
       spadiceus (Suffr.) 52-131  
       decoratus (Suffr.) 52-124  
 08. scutellaris (Fab.) 01-54 Ind.  
 09. equestris (Oliv.) 08-804 O.  
 10. montezuma (Suffr.) 52-116 Tex. Ariz.  
       speciosus Lec. 67-56 [L. Cal.  
       a. suffriani Jac. 80-60 Mex.  
 11. lecontei Cr. 73-32 Tex.

**Pachybrachys** Redt. 45-118

(Chloropachys Rey 83-263)

(Pachystylus Rey 83-263)

15312. pubescens (Oliv.) 08-820 Conn.-S.C.  
       morosus Hald. 49-260 Ohio  
 13. hæmatodes Suffr. 52-150 Ind. Fla.  
       Mex. Ariz. Tex.  
       Colo.  
 14. integratus Fall 15-327 Cal. Ariz.  
 15. connexus Fall 15-328 Ariz.  
 16. vigilans Fall 15-329 L. Cal.  
 17. wickhami Bowd. 09-238 Ariz. L. Cal.  
 18. thoracicus Jac. 89-136 Mex. Ariz.  
 19. analis Lec. 61-357 Utah-L. Cal.  
 20. desertus Fall 15-332 Cal. Ariz.  
 21. xanti Cr. 73-32 Ariz. Tex. Ut.  
       So. Cal.  
 22. marmoratus Jac. 89-148 Tex. Ariz. Colo.  
 23. donneri Cr. 74-78 Cal. Wash.  
 24. uteanus Fall 15-335 Utah, N. Mex.  
 25. brunneus Bowd. 09-238 Tex. So. Cal.  
       \*  
 26. purus Fall 15-336 Ariz. So. Cal.  
 27. mellitus Bowd. 09-241 Tex. Cal.  
 28. xantholucens Fall 15-337 Tex. N. Mex.  
 29. jacybyi Bowd. 09-240 Tex. Colo. Cal.  
 30. densus Bowd. 09-242 Ariz. Cal.  
 31. immaculatus Jac. 89-148 Tex. Ariz.  
 32. insidiosus Fall 15-340 Ariz.  
 33. marginipennis Bowd. 09-285 So. Cal.  
 34. punctatus Bowd. 09-285 Cal.  
       a. shasta Bowd. 10-56 Cal.  
 35. convictus Fall 15-344 Cal.  
 36. arizonensis Bowd. 09-286 Kan. Tex. Cal.  
 37. lodingi Bowd. 09-243 N. C. Fla.  
 38. placidus Fall 15-346 Ariz.  
 39. livens Lec. 58-84 Cal. (Ariz.?)  
 40. mercurialis Fall 15-347 Cal. Utah  
 41. parvinotatus Fall 15-348 Colo. Kan.  
 42. mitis Fall 15-349 Tex.  
 43. coloradensis Bowd. 09-242 Mont. Ariz.  
       sevier Bowd. 09-315  
 44. minor Bowd. 09-243 Tex.-Cal.  
 45. nero Bowd. 09-315 Tex.-Ariz.  
 46. petronius Fall 15-352 N. Mex. Ariz.  
 47. tacitus Fall 15-353 Ariz.  
 48. abdominalis (Say) 23-437 Ind. Man.-Tex.  
       rotundicollis Bowd. 09-318 [Ariz.  
 49. diversus Fall 15-355 Ill. Neb. Tex.  
 50. pusillus Bowd. 09-317 Tex. Ariz.  
 51. macronychus Fall 15-358 Tex.

**Pachybrachys** Redt.

\*\*

15352. crassus Bowd. 09-290 Utah, Ariz.  
 53. longus Bowd. 09-313 Ariz.  
 54. bullatus Fall 15-361 Ariz. Tex.  
 55. texanus Bowd. 09-316 Tex.  
 56. uncinatus Fall 15-363 Ariz.  
 57. pectoralis (Melsh.) 47-171 N. H.-Ga. Ill.  
 58. sobrinus (Hald.) 49-262 Vt.-N. C.-Ark.  
       pectoralis ‡ Suffr. 52-187 [Fla.  
       ? oculatus Suffr. 52-178  
       sticticus Blatch. 10-1130 Ind.  
 59. contractifrons Fall 15-365 Ariz.  
 60. alacris Fall 15-366 Ariz.  
 61. chaoticus Fall 15-367 Ariz.  
 62. peltatus Fall 15-367 L. Cal. Mex.  
 63. peninsularis Fall 15-368 L. Cal.  
 64. turgidicollis Fall 15-369 Tex.  
 65. illectus Fall 15-370 Fla.  
 66. proximus Bowd. 09-313 Utah  
 67. nunenmacheri Fall 15-372 So. Ariz.  
       [So. Cal.  
 68. fortis Fall 15-373 So. Ariz.  
 69. femoratus (Oliv.) 08-810 Conn. Fla. Tex.  
       sparsus (Newn.) 41-78 [Ind.  
       a. aquilonis Fall 15-375 Mass. Va.  
 70. characteristicus Suffr. 52-176 Fla.  
 71. subfasciatus Lec. 48-173 Mass. La. Ind.  
       biguttatus Suffr. 52-167  
 72. impurus Suffr. 52-186 Ill. Neb. Tex.  
       a. xanthias Suffr. 52-199  
       b. umbrosus Fall 15-379 Kan.  
 73. calidus Fall 15-379 Tex. Ariz.  
 74. brevicornis Fall 15-380 Tex.  
 75. prosopis Fall 15-381 So. Cal. Ariz.  
 76. wenzeli Fall 15-382 Tex. Ariz.  
 77. snowi Bowd. 09-290 Ariz.  
 78. turbidus Lec. 48-208 Kan. Tex.  
 79. latithorax Clav. 13-100  
       laticollis || Jac. 89-72 Tex. Ariz.  
 80. duryi Fall 15-385 Tex.  
 81. gracilipes Fall 15-386 W. Tex.  
 82. confederatus Fall 15-387 Conn.-N. C.  
 83. tybeensis Fall 15-388 Ga.  
 84. calcaratus Fall 14-389 Mich. La.  
 85. cylindricus Bowd. 09-291 Ut. So. Cal.  
 86. tumidus Bowd. 09-292 Ariz.  
 87. notatus Bowd. 10-53 Ariz.  
 88. caelatus Lec. 58-84 Ariz. Kan. Tex.  
       So. Cal.  
 89. brevicollis Lec. 80-208 Tex. Mont.  
 90. nubigenus Fall 15-394 So. Cal.  
 91. punicus Fall 15-396 So. Cal.  
 92. melanostictus Suffr. 52-191 Cal. Colo.  
 93. peccans Suffr. 52-192 N. B.-N. Mex.  
 94. signatifrons Mann. 43-311 Cal. [Ind.  
 95. signatus Bowd. 09-288 Ariz.-Tex.  
 96. postfasciatus Fall 15-402 Kan. Tex. Ariz.  
 97. vacillatus Fall 15-403 Cal. Colo.  
 98. badius Fall 15-404 So. Cal.  
 99. quadratus Fall 15-405 So. Cal.  
 15400. mobilis Fall 15-406 So. Cal. Tex.  
 01. delumbis Fall 15-407 Tex.



**Pachybrachys Redt.**

15402. pluripunctatus Fall 15-408 Cal.  
 03. bajulus Suffr. 52-175 Ariz.  
 04. nobilis Fall 15-409 Ariz.  
 05. fuscipes Fall 15-410 N.Mex.  
   a. purgatus Fall 15-411 Ariz.  
 06. sanrita Bowd. 09-289 Ariz.  
 07. atomarius (Melsh.) 47-170 Ind.  
   infaustus Hald. 49-262 Conn. Fla.  
   atomus Bowd. 09-319 Kan. Pa.  
 08. vestigialis Fall 15-415 Kan. Miss. Tex.  
 09. obfuscatus Fall 15-416 N.C. Ga.  
 10. stygius Fall 15-416 Fla. Ala.  
 11. lachrymosus Fall 15-417 Ariz.  
 12. cephalicus Fall 15-418 Ga.-La.  
   a. dixianus Fall 15-419 Ala. Miss.  
   b. parvus Fall 15-419 Mass.-Ala.  
 13. roboris Fall 15-420 E.U.S.  
 14. spumarius Suffr. 52-179 N.C. Ala. Ind.  
 15. relictus Fall 15-424 N.Y. Tenn.  
 16. carolinensis Bowd. 10-5 N.C. Md.?  
 17. luctuosus Suffr. 58-401 5 Ga.-D.C.  
 18. varians Bowd. 09-321 Ga. Fla. Tex.  
 19. conformis Suffr. 52-205 Fla.  
 20. osceola Fall 15-428 Fla.  
 21. quadri-oculatus Fall 15-429 Ga.  
 22. fractus Fall 15-430 Tex.  
 23. truncatus Bowd. 09-314 Ariz.  
 24. precarius Fall 15-431 Tex. Ariz.  
 25. nogalicus Fall 15-432 Ariz.  
 26. croftus Bowd. 09-322 Colo. Ariz.  
 27. sonorensis Jac. 89-151 Ariz. Tex.  
 28. varicolor Suffr. 52-153 Colo. Ariz.  
   renidens Lec. 48-208  
   laevicollis Bowd. 09-322  
 29. lustrans Lec. 80-208 Cal.  
 30. californicus Fall 15-437 Cal. Ariz.  
   a. gagates Fall 15-438 So. Cal.  
 31. pinguescens Fall 15-438 Cal. Ariz.  
 32. tridens (Melsh.) 47-172 Fla. Conn. Ind.  
   mollis Hald. 49-263  
   a. flavicornis (Melsh.) 47-172 Pa.  
 33. obsoletus Suffr. 52-200 N.H. Fla. B.C.  
 34. alticola Fall 15-442 Colo. N.Mex.  
 35. lacvis Bowd. 09-316 Tex. Colo.  
   N.Mex.  
 36. nubilus Bowd. 09-312 Ariz. Utah  
 37. conspirator Fall 15-445 Ariz.  
 38. subvittatus Lec. 80-208 Tex.  
 39. liebecki Fall 15-447 Kan.  
 40. bivittatus (Say) 23-440 N.H.-L. Cal.  
   viduatus var. ‡ Suffr. 52-156 [Ind.  
   albescens Suffr. 58-404  
 41. sublimatus Fall 15-449 Cal.  
 42. circumcinctus Cr. 74-79 Cal. Or.  
 43. consimilis Fall 15-450 Cal.

**Pachybrachys Redt.**

15444. litigiosus Suffr. 52-217 Ind. N.J. Fla.  
 45. virgatus Lec. 48-205 Neb. Tex. Colo.  
 46. dubiosus Lec. 48-206 Tex. Fla.  
 47. pawnee Fall 15-452 Kan. Dak.  
 48. vau Fall 15-453 Tex. Colo. Ariz.  
   a. imperfectus Fall 15-454 Tex.  
 49. umbraculatus Suffr. 52-213 Ariz. Tex.  
 50. pallidipennis Suffr. 58-406 Kan. Tex. Fla.  
   striatus Lec. 80-205 Tex. Kan. Colo.  
 51. othonus (Say) 25-28 Ind. Atl. Colo.  
   marginaticollis Rand 38-46  
 52. præclarus Weise 13-219 Ind. S. Dak.  
   elegans || Blatch. 10-1127  
 53. autolycus Fall 15-458 Me.-Wash.  
   a. difficilis Fall 15-459 Ariz.  
   b. wahsatchensis Fall 15-459 Me. Mich.  
 54. nigricornis (Say) 23-436 Ariz.  
 55. carbonarius Hald. 49-260 Utah-Wash.  
   a. janus Fall 15-462 Kan. Colo.  
 56. picturatus (Germ.) 24-560 Ind. Conn. Fla.  
 57. viduatus (Fab.) 01-49 Kan.  
 58. m-nigrum (Melsh.) 47-170 Neb. Man.  
   intricatus Suffr. 52-180 N.C.  
 59. trinotatus (Melsh.) 47-170 Ga. Tex.  
 60. pulvinatus Suffr. 52-151 Conn. Ind.  
 61. confusus Bowd. 09-365 Fla. Conn. Ind.  
   proximus || Bowd. 09-360  
 62. luridus (Fab.) 98-109 Fla. Conn. Ind.  
   femoratus (Say) 23-440  
   aesculi (Melsh.) 47-171  
   moerens Stal 57-63  
   a. nigrinus Blatch. 10-1130 Atl.-Colo. Ind.  
   b. festivus Fall 15-470 Kan.-Ariz.  
 63. vulnerosus Fall 15-471 Ariz.  
 64. falli n.m.  
   instabilis || Fall 15-471 Tex.-Kan.  
 65. hybridus Suffr. 52-157 Cal. Tex.  
 66. discoideus Bowd. 09-239 Fla. D.C.  
   limbatus || (Newn.) 41-250  
 67. marginatus Bowd. 09-239 Ariz.  
   a. sanguineus Fall 15-474 Ariz.  
 68. cruentus Lec. 80-206 Tex.  
 69. dilatatus Suffr. 52-162 Ga. Ind.  
   subfasciatus ‡ Blatch. 10-1131  
 70. hepaticus (Melsh.) 47-171 Fla. Can. Ind.  
   punctatus Hald. 49-257 [Ariz.  
   a. heteroderus Fall 15-478 Ariz.  
 71. microps Fall 15-478 Ariz.  
 — eburifer Suffr. 66-394 So. Am. (Tex.?)  
 — oculatus Suffr. 52-178 N. Am. (U.S.?)  
 — puncticollis Bowd. 09-317 Mex. (Ariz.?)

**MONACHULINI**

Leconte 80

**Monachulus Leng 18-208**

- (*Monachus* || Suffr. 52-210)  
 15472. ater (Hald.) 49-264 Atl. St. Ind.  
   Fla.  
 73. saponatus (Fab.) 01-55 M. & So St. Ind.  
   Fla.  
 74. thoracicus Cr. 73-31 N.C.-Fla.

**Monachulus Leng**

15475. auritus (Hald.) 49-264 Ga. Fla.  
   affinis (Hald.) 49-264 ♀  
 76. guerini (Perbosc.) 39-264 Ariz. Mex.  
   seminulum Suffr. 58-344  
 — nitidulus (Fab.) 01-40 N. Am. (U.S.?)  
 — punctulatus (Fab.) 01-40 N. Am. (U.S.?)

## CRYPTOCEPHALINI

Leconte 80; Clavareau 13

**Cryptocephalus** Geoffr. 62-231

(Canthostethus Hald. 49-246)

15477. *basalis* Suffr. 52-54 Mex. Ind.  
*mucoreus* Lec. 60-23 Kan. Tex.  
 78. *pubicollis* Linell 98-480 Ariz.  
 79. *notatus* Fab. 87-83 Atl. St.  
 a. *quadrimaculatus* Say 23-441 Minn.Kan.Fla.  
 Ind. Conn.  
 b. *fulvipennis* Hald. 49-256 Fla.  
 80. *quadruplex* Newn. 41-78 Atl. St. Ind.  
 a. *quadriguttulus* Suffr. 52-65 N.C. [Conn.  
 81. *sanguinicollis* Suffr. 52-78 Or.-So.Cal.  
 a. *nigerrimus* Cr. 74-78 Or.  
 82. *arizonensis* Schffr. 04-225 Ariz.  
 83. *guttulatus* Oliv. 08-815 Fla.Atl.St.Ind.  
*lautus* Newn. 40-250  
 84. *cribripennis* Lec. 80-200 Tex.  
 85. *umbonatus* Schffr. 06-232 Ariz.  
 86. *bivius* Newn. 40-249 Ga. Tex. Fla.  
 87. *leucomelas* Suffr. 52-36 Pa.Ga.N.Mex.  
 a. *vitticollis* Lec. 80-200 [Ind. Ariz.  
 88. *duryi* Schffr. 06-230 Tex.  
 89. *castaneus* Lec. 80-200 Cal. So.Cal.  
 90. *amatus* Hald. 49-253 Mo. Wy.  
 91. *defectus* Lec. 80-201 Tex.  
 92. *brunneovittatus* Schffr. 04-226 Tex.  
 93. *confluens* Say 23-440 Kan.Tex.Colo.  
 Fla.  
 94. *spurcus* Lec. 58-84 Cal. So.Cal.  
 95. *venustus* Fab. 87-79 Fla. N.Y.-Ga.  
 Tex.Ind.Conn.  
*flaccidus* Suffr. 51-239  
 a. *cinctipennis* Rand. 38-45 Ind. Conn.  
 b. *hamatus* Melsh. 47-174 Conn.  
 c. *ornatulus* Clav. 13-194 Fla.  
*ornatus* Fab. 98-106  
 d. *simplex* Hald. 49-249 So.St.  
 96. *obsoletus* Germ. 24-559 Fla. Ga.  
*incertus* † Hald. 49-250  
*ornatus* † Suffr. 52-229  
 97. *nanus* Fab. 01-56 Ark. Fla.  
 98. *carinatus* Lec. 80-202 Kan.  
 99. *insertus* Hald. 49-252 Ga. Conn.  
 15500. *calidus* Suffr. 51-241 Alt. St.  
*?bispinus* Suffr. 58-347  
*ornatus* † Say 25-28  
*venustus* † Hald. 49-251  
 01. *gibbicollis* Hald. 49-252 Atl. St.  
*albicans* Hald. 49-252  
 02. *aulicus* Hald. 49-249 Ga. Fla.  
 03. *trivittatus* Oliv. 08-824 Middle St.Ind.  
*?lixus* Newn. 40-250 [Conn.  
*vittatus* Hald. 49-250  
 04. *trizonatus* Suffr. 58-372 Mex. Ariz.  
*tricinctus* || Suffr. 52-34  
 05. *incertus* Oliv. 08-814 M.&W.St.Fla.  
*lineolatus* Hald. 49-249  
 06. *pumilus* Hald. 49-249 Ga. Fla.  
 07. *mutabilis* Melsh. 47-172 Pa. Tex. Ind.  
*discoideus* Suffr. 52-49 ♂ [Conn.  
*dispersus* Hald. 49-248  
 08. *simulans* Schffr. 06-231 Ariz.  
 09. *fulguratus* Lec. 80-203 Tex.

**Cryptocephalus** Geoffr.

15510. *atrofasciatus* Jac. 80-48 Mex. Ariz.  
 11. *tesseratus* Chev. 34-85 Mex. Tex.  
 14-*pustulatus* Suffr. 52-41  
 12. *quercus* Schffr. 06-232 Ariz.  
 13. *californicus* Clav. 13-137 L.Cal.  
*crenatostratus* || Schffr. 05-137  
 14. *badius* Suffr. 51-315 Pa. Ky. Fla.  
 Ind.  
 15. *schreibersi* Suffr. 51-288 Mass. Ga. Fla.  
*rugicollis* Hald. 49-258  
 16. *tinctus* Lec. 80-203 Ind.Mass.Fla.  
 Tex.  
 17. *lateritius* Newn. 41-78 Ga. Fla.  
*?fasciatus* Say 23-437  
 18. *striatulus* Lec. 80-204 Ill. Va.  
 19. *luteolus* Newn. 40-250 Fla.  
 20. *sanfordi* Blatch. 13-23 Fla.  
*sanfordensis* Clav. 13-182  
 — *pseudolus* Suffr. 58-373 Fla. Tenn.  
 — *geminatus* Newn. 40-250 Fla.  
 — *puncticeps* Say 23-488 Ark.  
 — *luscus* Suffr. 58-377 N.Am.

**Diachus** Lec. 80-196

(Fabricianus Weise 95-58)

15521. *auratus* (Fab.) 01-57 Fla. Conn.-  
 So.Am. Ind.  
*æneus* (Oliv.) 08-916 Ariz. So.Cal.  
*chalconotus* (Mann.) 43-312  
*viridis* (Melsh.) 47-174  
 22. *subopacus* Schffr. 06-234 Ariz.  
 23. *erasus* Lec. 80-197 Cal.  
 24. *laevis* (Hald.) 49-257 Pa. Ga.  
 25. *squalens* (Suffr.) 52-73 Fla.  
 26. *aeruginosus* Lec. 80-197 Colo.  
 27. *catarius* (Suffr.) 52-68 Ill. Va. Ind.  
 28. *pallidicornis* (Suffr.) 67-113 Kan. Ill. Ind.  
 Conn.  
 29. *chlorizans* (Suffr.) 52-76 Va. Ind.

**Bassareus** Hald. 49-249

15530. *brunnipes* (Oliv.) 91-618 M.&S.St.  
*congestus* (Fab.) 98-107 Fla.  
 a. *clathratus* (Melsh.) 47-173 Ind.  
 31. *areolatus* Suffr. 51-301 Tex.  
 32. *formosus* (Melsh.) 47-173 Pa.Ill.Ga.Ind.  
*?guttatus* Hald. 49-247 [Conn.  
 a. *sulphuripennis* (Melsh.) 47-173 Ind. Conn.  
 33. *detritus* (Oliv.) 08-814 Atl. St.  
*binominis* (Newn.) 41-78 Fla.  
*distinctus* Hald. 49-255  
 34. *mammifer* (Newn.) 40-250 M.&W.St.Ind.  
 a. *egenus* Suffr. 51-311 [Conn.  
 b. *luteipennis* (Melsh.) 47-172 Ind.  
 c. *pretiosus* (Melsh.) 47-174  
 d. *sellatus* Suffr. 51-307 Ind. Conn.  
*?notatus* (Kby.) 37-208  
 e. *?quadrisignatus* Suffr. 48-192 Ill.  
 35. *croceipennis* Lec. 80-199 Fla.

**Bassareus** Hald.

15536. *lituratus* (Fab.) 01-50 Fla. Atl.St.  
 a. *castus* (Melsh.) 47-171 [Ind. Conn.  
 b. *lativittis* (Germ.) 24-558 Ind.Fla.Conn.  
   *geminatus* Hald. 49-253  
 c. *vittatus* Suffr. 51-296  
   5-*vittatus* err. typ.  
 d. *recurvus* Say 23-439 Ind. Fla.

**Triachus** Lec. 80-197

15537. *atomus* (Suffr.) 52-74 Va. Fla. Ind.  
 38. *cerinus* Lec. 80-197 Fla. [Conn.  
 39. *vacuus* Lec. 80-197 Ill. Kan. Ind.  
 40. *postremus* Lec. 80-197 Tex. Fla.  
 \*

41. *peninsularis* Schffr. 06-234 L.Cal.

**LAMPROSOMINÆ****Lamprosoma** Kby. 18-445

- (*Oomorphus* Curtis 31-347)  
 15542. *floridanum* (Horn) 93-133 Fla.

**Lamprosoma** Kby.

15543. *opulentum* Lac. 48-577 Cal. Mex.

**EUMOLPINÆ**

Horn 92; Clavareau 14

**CHRYSODININI****Chrysodina** Baly 64-221

- (*Chalcoparia* Cr. 73-39)  
 15544. *globosa* (Oliv.) 08-893 Conn.-Ariz.  
   *ovata* (Say) 23-442

**IPHIMEINI****Nodonota** Lef. 85-166

- (*Noda* || Chap. 70-240)  
 15545. *tristis* (Oliv.) 08-889 M.St. N.C.  
   *pilula* (Germ.) 24-567 [Kan. Ind.  
 46. *clypealis* Horn 92-231 Pa. N.C. Tex.  
   Ind.  
 47. *convexa* (Say) 23-443 Pa.-Dak. Ind.  
 48. *arizonica* Schffr. 06-238 Ariz.  
 49. *puncticollis* (Say) 23-444 Conn. N.C.  
   *humeralis* (Lec.) 58-85 [Mont. Ind.

**Nodonota** Lef.

- strigicollis* (Lef.) 75-112  
 15550. *rotundicollis* Schffr. 06-237 Tex.

**Metaparia** Cr. 73-40

15551. *clytroides* Cr. 73-40 Tex.

**Euphrytus** Jac. 81-124

15552. *intermedius* Jac. 81-207 Mex. Ariz.

**COLASPINI****Metaxyonycha** Chev. 47-172

15553. *arizonæ* (Cr.) 73-45 Ariz.  
 54. *circumcincta* Horn 92-228 Ariz.

**Colaspis** Fab. 01-411

15555. *brunnea* (Fab.) 98-94 Atl. St.-Ariz.  
 a. *costipennis* Cr. 73-44 Fla. [Ind. Fla.  
   *crotchii* Lef. 84-199  
 b. *flavida* Say 39-196  
   *flavicans* Lef. 85-33  
 c. *suilla* Fab. 01-417  
 56. *championi* Jac. 81-137 Ariz.-Mex.  
 57. *nigrocyanæa* Cr. 73-45 Ariz.

**Colaspis** Fab.

15558. *moesta* Horn 95-248 L.Cal.  
 59. *favosa* Say 23-447 Dak. Fla.  
 60. *oregonensis* (Cr.) 73-38 Or. No.Cal.  
 61. *chrysis* Oliv. 08-886 N.C.  
 62. *subtropica* Schffr. 06-235 Tex.  
 — *californica* Boh. 58-171 Cal.  
 — *striata* Say 23-444 Mo.

**Rhabdopterus** Lef. 85-46

- (*Rhabdophorus* || Lef. 78-126)  
 15563. *picipes* (Oliv.) 08-886 Mass.-Dak.  
   *prætexta* (Say) 23-442 Fla. [S.C. Ind.

**SCELODONTINI****Graphops** Lec. 85-26

- (*Heteraspis* † Lec. 59-23)  
 15564. *beryllinus* Lec. 85-26 Kan.  
 65. *obscurus* Lec. 85-26 Colo.  
 66. *varians* Lec. 85-26 Ill.-Tex.  
 67. *pubescens* (Melsh.) 47-169 Mass.-Ga. Tex.  
   *?cupreus* Prov. 78-383 Can. [Ind.  
 68. *curtipennis* (Melsh.) 47-169 N.Y. Fla. Tex.  
   Ind.

**Graphops** Lec.

15569. *marcassitus* Cr. 73-35 Atl.St. Ind.  
   Fla.  
 70. *nebulosus* (Lec.) 59-23 Idaho-Ariz.  
   *smaragdulus* (Lec.) 59-24  
 71. *bicolor* Lef. 77-164 Ill.  
   *simplex* Lec. 85-27 Tex.

**LEPROTINI****Xanthonia** Baly 63-151

- (*Trichotheca* † Lec.)  
 15572. *vagans* (Lec.) 85-26 Tex. S.W. Ut.  
   Ariz.

**Xanthonia** Baly

15573. *decemnotata* (Say) 23-445 Can.-Tex. Ind.  
 74. *villosula* (Melsh.) 47-169 Can.-Ga. Ariz.  
   *stevensi* Baly 63-151 [Ind.  
 a. *plagiata* (Melsh.) 47-169



**Fidia** Baly 63-153

15575. *plagiata* Lef. 77-165 Mex. Ariz.  
 a. *humeralis* Lef. 77-165 Mex. Ariz.  
 76. *clematis* Schffr. 04-227 Tex.  
 77. *viticida* Walsh 67-87 M.St.Dak.  
*lurida* Lef. 85-76 [Fla. Tex. Ind.  
*murina* Cr. 73-33 [Conn.

**Fidia** Baly

15578. *longipes* (Melsh.) 47-169 E.St. Ind.  
*viticola* (Uhler) 55-418  
 79. *cana* Horn 92-198 Tex.

## METACHROMINI

**Metachroma** Lec. 58-85

15580. *aeneicollis* Horn 92-210 N.Am.  
 81. *longulum* Horn 92-212 Ariz.  
 82. *dubiosum* (Say) 23-447 Dak.-Tex.Fla.  
 83. *californicum* Cr. 73-41 So.Cal. Ariz.  
 84. *ustum* Lec. 58-85 Tex. Ariz.  
 85. *viticola* Linell 98-481 Tex.  
 86. *aterrimum* Horn 92-214 N.Mex.  
 87. *suturalis* Lec. 58-85 Tex.  
 88. *terminalis* Horn 92-215 Fla.  
 89. *peninsularis* Cr. 73-42 L.Cal.  
 90. *interruptum* (Say) 23-448 Dak.-Ariz.  
 91. *angustum* Cr. 73-41 Fla. [Ind.  
 92. *parallelum* Horn 92-217 Mo.Kan.Ind.  
 93. *laevicollis* Cr. 73-43 Mont. Ind.  
 L.I.N.Y.N.C.  
 Fla.

**Metachroma** Lec.

15594. *luridum* (Oliv.) 08-892 S.C. Ga.  
*vicinum* Cr. 73-43  
 95. *marginalis* Cr. 73-43 N.C.Kan.Fla.  
 96. *maculipennis* Sz. 78-366 Fla.  
 97. *pellucidum* Cr. 73-43 Ga. Fla.  
 98. *pallidum* (Say) 23-446 Mass. Fla.Mo.  
 Ind.  
 a. *lateralis* Cr. 73-44 N.C. Kan.  
 99. *floridanum* Cr. 73-43 Fla.  
 15600. *puncticollis* Lec. 58-85 Ga. Tex.  
 01. *quercatum* (Fab.) 01-417 Mass.Fla.Ind.  
 — *atratum* (Fab.) 98-106 N.Am.  
 — *melanurum* (Melsh.) 47-168 N.Am.

**Metacolaspis** Horn 95-247

15602. *conspersa* Horn 95-248 L.Cal.

## EUMOLPINI

**Eumolpus** Web. 01-28

15603. *surinamensis* (Fab.) 75-96 So.Ariz.-Brazil  
*robustus* (Horn) 85-156

## ADOXINI

**Adoxus** Kby. 37-209

15604. *obscurus* (L.) 58-375 Eur.Sib.Ind.  
 Nfld.N.H.  
 H.B.T.Alas.  
 Cal.Nev.Colo.  
 [N.Mex. N.Y.  
*cochlearius* (Say) 39-196

**Adoxus** Kby.

- a. *concinus* Weise 98-190 Japan, N.Am.  
 b. *villosulus* Schrank 81-95 N.H.-L.Sup.  
*vitis* auct. nec Fab.

## EDUSELLINI

**Tymnes** Chap. 74-310

15605. *tricolor* (Fab.) 92-316 Mass. Mex.  
*verticalis* Chap. 74-311 [Ind.  
*viridis* (Fab.) 01-413

**Tymnes** Chap.

15606. *violaceus* Horn 92-221 W.Pa.  
 07. *metasternalis* Cr. 73-38 Pa.-Ill. Ind.

## MYOCHROINI

**Myochrous** Er. 47-164

15608. *denticollis* (Say) 23-448 Ill. Tex. Fla.  
 Ind.  
 09. *longulus* Lec. 58-86 So.Cal. Ariz.  
 10. *magnus* Schffr. 04-228 Tex.  
 11. *squamosus* Lec. 59-24 Mont. Neb.

**Glyptoscelis** Lec. 59-81

15612. *illustris* Cr. 73-35 Or.-So.Cal.  
 13. *pubescens* (Fab.) 77-220 Ont.-Ga.  
*hirsutus* (Gmel.) 88-1703  
*hirtus* (Oliv.) 08-906  
*pini* (Say) 27-295  
 14. *barbata* (Say) 27-296 No.Atl.St.Ind.  
 15. *liebecki* Blatch. 10-1137 Ind. [Conn.

**Glyptoscelis** Lec.

15616. *alternata* Cr. 73-36 So.Cal. Wy.  
 17. *albida* Lec. 59-81 Nev. Or.  
*longior* Lec. 78-462  
 18. *prosopis* Schffr. 05-169 Tex.  
 19. *squamulata* Cr. 73-36 Or. Ut. Ariz.  
 So.Cal.  
 20. *cryptica* (Say) 23-449 Dak.-Mex.  
*albicans* Baly 65-334

**Colaspidea** Lap. 33-21

15621. *cuprascens* (Lec.) 58-85 So.Cal.  
 22. *subvittata* Fall 97-243 So.Cal.Is.  
 23. *smaragdula* (Lec.) 57-67 So.Cal.  
 24. *varicolor* Cr. 74-79 So.Cal.

## TYPOPHORINI

**Typophorus** Er. 47-163

15625. *viridicyaneus* (Cr.) 73-40 Va. Fla. Mex.  
Ind. So. Cal.  
    *sturmi* Lef. 77-317  
    *chalcus* Lef. 77-317

**Paria** Lec. 58-85

15626. *canella* (Fab.) 01-52 Can.-Ariz.  
So. Cal. Ind.  
Fla.  
    a. *aterrima* (Oliv.) 08-913 Fla.  
    *opacicolis* Lec. 59-23

**Paria** Lec.

- b. *gilvipes* Horn 92-208  
c. *pumila* Lec. 59-23  
d. *quadriguttata* Lec. 58-86  
    *histrion* Lef. 77-319  
    *laevicollis* Cr. 73-40  
e. *quadrinotata* (Say) 23-446  
f. *sellata* Horn 92-208  
g. *sexnotata* (Say) 23-445 Fla.  
    *infusata* Lec. 51-173  
h. *thoracica* (Melsh.) 47-168  
i. *vittata* Horn 92-208

## CORYNODINI

**Chrysochus** Redt. 45-117

15627. *auratus* (Fab.) 75-101 Atl. St. Can.  
Ind.  
    28. *cobaltinus* Lec. 57-67 So. Cal.-Or.

**Chrysochus** Redt.

- castaneus* Marshall 65-49  
*californicus* Marshall 65-49  
*tenebricosus* Marshall 65-49

## ENDOCEPHALINI

**Colaspoides** Lap. 33-20

15629. *violaceipennis* Horn 92-229 Ariz.  
    30. *opacicolis* Horn 92-229 Tex.

**Colaspoides** Lap.

15631. *viridimicans* Horn 92-229 Ariz. N. Mex.  
    32. *macrocephala* Schffr. 06-236 Tex.

## CHRYSOMELINÆ

(Weise 16)

## TIMARCHINI

**Timarcha** Latr. 29-150

15633. *intricata* Hald. 53-363 Or. No. Cal.  
    *intertexta* Hald. 53-364 Colo.  
    a. *cerdo* Stål 63-8 No. Pac. St.

## ENTOMOSCELINI

**Entomoscelis** Chev. 43-656

15634. *adonidis* (Pallas) 71-463 Eur. & Sib.  
H. B. T. Mont.  
    *trilineata* (Fab.) 77-219 Alb. Colo.  
Sib.

## PRASOCURINI

**Prasocuris** Latr. 02-224

15635. *phellandrii* (L.) 58-376 Eur. & Sib. Ill.  
Ind. Can. Mich.  
    36. *vittata* (Oliv.) 08-595 Colo.  
N. Am. Ind.

**Prasocuris** Latr.

- trivittata* Say 27-289 Or. Conn.  
*varipes* Lec. 66-9  
15637. *obliquata* Lec. 66-9 Ind.  
    38. *ovalis* Blatch. 10-1151 Ind.

## CHRYSOMELINI

Linell 96

**Labidomera** Chev. 43-656

15639. *clivicollis* (Kby.) 37-213 E. N. Am. Ind.  
Fla. Conn.  
    ? *trimaculata* (Fab.) 75-95 La.  
    a. *rogersi* Lec. 58-26 Neb. Tex. Kan.

**Leptinotarsa** Stål. 58-475

- (*Myocoryna* (Chev.) Stål 58-475)  
15640. *rubiginosa* (Rogers) 56-30 Mex.-Ariz.  
Tex.  
    41. *behrensi* Harold 37-16 Mex. (So. Cal.)  
    42. *haldemani* (Rogers) 56-30 (Tex.?) Mex.  
    43. *lineolata* Stål 63-159 Mex. Tex. Ariz.  
    44. *dahlbomi* Stål 59-317 Mex. Tex.  
    45. *violascens* Stål 59-317 Mex. Ariz.  
    46. *peninsularis* Horn 94-407 L. Cal. Ariz.  
    (*Doryphora* † auct. nec Ill.)  
    47. *undecimlineata* Stål 59-316 Mex. (So. Cal.?)

**Leptinotarsa** Stål.

15648. *decemlineata* (Say) 23-453 U. S. & Can. Ind.  
    *tortuosa* || Tower 06. pl. 16. (nec Rogers) Md. Tex.  
    *pallida* Tower 06. pl. 16 L. I. Md. O. Ill.  
    *defectopunctata* Tower 06. pl. 16  
    *melanicum* Tower 06-266 Mass. L. I. Md.  
    *minuta* Tower 06-272 Md. O. Ill. Tex.  
    *immaculothorax* Tower 06-272 O.  
    *albida* Tower 06-272 Tex.  
    *rubrivittata* Tower 06-273 Kan.  
    *obscurata* Tower 06-273 ?  
    *multilineata* Stål 59-316  
    49. *multitæniata* Stål 59-317 Mex. Tex.  
    *melanothorax* Stål 59-317 Mex. N. Mex.  
    50. *juncta* (Germ.) 24-590 So. St. La. Ark.  
Ind.  
    51. *defecta* Stål 59-317 Mex. Tex.

**Leptinotarsa** Stål.

- a. *texana* Schffr. 06-239 Tex.  
*defecta* † Linell 96-196  
*undecimlineata* † Towns. 03-82

**Zygogramma** Chev. 43-656

15652. *exclamationis* (Fab.) 98-86 Kan. Mont.  
 Ariz.  
 53. *conjuncta* Rogers 56-34 Kan.-Mont.  
 Ariz.  
 a. *pallida* Bland 64-71 Kan.-Mont.  
 Ariz.  
 54. *continua* Lec. 67-57 Ariz. Colo. Ut.  
*fasciaticollis* Jac. 91-249 Mex. [N.Mex.  
 55. *suturalis* (Fab.) 75-95 Atl.-Colo. Ind.  
*pulchra* (Fab.) 92-313  
 a. *casta* Rogers 56-33 Tex.  
*?festiva* (Fab.) 75-100 (N.Am.?)  
 56. *disrupta* Rogers 56-34 La. Kan.-Ariz.  
 57. *heterothecæ* Linell 96-197 Tex. Colo.  
 58. *malvæ* Stål 59-322 Mex. Tex. Ariz.  
 59. *tortuosa* Rogers 56-32 Tex. Ariz.  
 N.Mex.  
 60. *opifera* Stål 60-460 So. Ariz.  
 61. *piceicollis* Stål 59-322 Tex.-Ariz.  
 62. *signatipennis* Stål 59-321 Mex. Ariz.  
 63. *arizonica* Schffr. 06-240 Ariz.

**Calligrapha** Er. 47-158

- ?Polyspila* Hope 40-165  
 15664. *lunata* (Fab.) 87-69 Atl.-Colo.  
*brunnea* (Thunb.) 87-43  
*hybrida* (Say) 23-449 Mo.  
 65. *similis* Rogers 56-35 Atl.-Colo. Ind.  
 66. *incisa* Rogers 56-34 Kan. Neb. [Fla.  
 67. *cephalanthi* Sz. 78-366 Fla.  
 68. *præcelsis* Rogers 56-35 Kan. Neb. Ind.  
 69. *elegans* (Oliv.) 08-532 Atl.-Pac. Ind.  
 a. *californica* Linell 96-198 So. Cal.

**Plagioderia** Redt. 49-553

15693. *versicolora* (Laich.) 81-148 † Eur. N.Y.  
*armoraciæ* (Fab.) 87-103 Eur. Sib. [N.J.  
 94. *thymaloides* Stål 60-468 Tex. Mex.

**Phædon** Latr. 29-151

- (*Plagioderia* † auct.)  
 15695. *prasinella* (Lec.) 61-358 Or.-So. Cal.  
 96. *purpurea* Linell 98-482 S.W. Utah  
 97. *armoraciæ* (L.) 58-369 Eur. N.Am.  
*cochleariæ* (Gyll.) 09-479 [Lab.  
 98. *oviformis* (Lec.) 61-457 Cal.  
 99. *viridis* (Melsh.) 47-175 Mex. Fla.  
 15700. *aeruginosus* Suffr. 58-395 N.Am.

**Gastroidea** Hope 40-164

- (*Gastrophysa* Redt. 49-553)  
 15701. *polygoni* (L.) 58-370 Sib. Eur. N.S.  
 Mo. Ind.  
*coerulipennis* (Say) 27-297 Mo.  
 02. *dissimilis* (Say) 23-450 So. Cal.-Ind.  
 03. *cyanea* Melsh. 47-175 Ariz. Conn.  
 a. *caesia* Rogers 56-38 Cal.

**Calligrapha** Er.

15670. *wickhami* Bowd. 11-325 Tex.  
 71. *scalaris* Lec. 24-173 Atl.-Neb. Tex.  
*multiguttis* Stål 65-261 [Ind. Fla.  
 72. *rhoda* Knab 09-83 N.H. Wis. Kan.  
 a. *walshiana* Blatch. 10-1157 Ind. Mo. [Ind.  
 73. *rowena* Knab 09-85 Can.-Pa. Ind.  
 74. *philadelphica* (L.) 58-372 Atl.-Neb. Ind.  
*decipiens* (Web.) 01-52  
*ruficornis* (Oliv.) 91-703  
 a. *spireæ* (Say) 27-297 Can. Conn.  
*confinis* (Kby.) 37-211 L. Sup.  
 75. *amelia* Knab 09-86 S.I. D.C. Va.  
 76. *multipunctata* (Say) 23-451 Mo.-Wash  
 Ind. Conn.  
 77. *bigsbyana* (Kby.) 37-212 Can.-Or. Ind.  
*verrucosa* Suffr. 58-266 Mo.  
 78. *pnirsa* Stål 60-462 Can.  
 79. *dislocata* Rogers 56-32 Tex. Ariz. Mex.  
 80. *sigmoidea* Lec. 59-285 Neb. So. Cal.  
 81. *serpentina* Rogers 56-32 Ariz. N. Mex.  
*mexicana* Stål 59-323 Mex.  
 82. *multiguttata* Stål 59-326 Mex. Kan.  
 83. *sylvia* Stål 60-462 Mex. (Ariz.?)  
 84. *ancoralis* Stål 60-462 Mex. L. Cal.

**Chrysomela** L. 58-368

15856. *subsulcata* Mann. 53-254 Alas.  
 86. *flavomarginata* Say 23-452 La.-Dak.  
 87. *basilaris* (Say) 23-451 Ark. Colo.-Or.  
*subseriata* Lec. 60-321 Or.  
 88. *auripennis* Say 23-452 Tex.-Neb. Ind.  
 a. *cribraria* Rogers 56-36 [Ariz.  
 89. *staphylea* L. 58-370 Eur. N.S.  
 90. *inornata* Rogers 56-36 Tex. Id. Cal.  
 91. *montevagans* Lec. 78-463 Colo.  
 92. *subopaca* Rogers 56-36 N.Y. Fla. Tex.  
*opacipennis* Cr. err. typ. [Ind.

## PHÆDONINI

**Gastroidea** Hope

15704. *viridula* (DeG.) 75-311 Eur. Sib.  
 H.B.T. Kan.  
 Man. N. Mex.  
*formosa* (Say) 23-451 Kan. Mont.  
 05. *aenea* (Melsh.) 47-175 N.Am. Pa.

**Lina** (Meg. 23) Redt. 49-551

- (*Melasoma* || Steph. 31-350)  
 15706. *californica* Rogers 56-37 Cal.  
 07. *arizonæ* (Cr.) 74-53 Ariz.  
 08. *lapponica* (L.) 58-371 Eur. Sib. Alas.?  
 H.B.T.?  
*interrupta* Fab. 01-438 Conn. Ind.  
 09. *tremulæ* (Fab.) 87-69 Eur. H.B.T.  
 N.H. Mich.  
 15710. *scripta* (Fab.) 01-438 Conn. Ind. Fla.  
*?lineatopunctata* (Forst.) 71-22  
*novboracensis* (Gmel.) 98-1689  
*variegata* (Oliv.) 91-719  
 a. *confluens* Rogers 56-37 Or. Ind.  
 11. *obsoleta* Say 23-435 Mo.  
 12. *flosculosa* Stål 60-467 So. Am.

## PHYLLODECTINI

**Phytodecta** Kby. 37-213

- (*Goniocтена* Redt. 49-357)  
 15713. *arctica* Mann. 53-257 Alas. H.B.T.

**Phytodecta** Kby.

- affinis* || Mann. 52-369 Alas.  
*?nivosa* Suffr. 50-222 Alps

† Introduced.



**Phytodecta** Kby.

- ?linnaana Schrk. 81-69 Sib.  
 ?triandra Suff. 50-216 Eur.  
 15714. viminalis (L.) 58-371 Sib. Eur. Alas.  
 — rufipes DeG. 75-295 Eur. N.Am.?  
 ?sempunctata Fab. 87-70 Can.  
 (Spartophila Steph. 34-340)  
 15. pallida (L.) 58-370 Sib. Eur. Lab.  
 H.B.T. L.Sup.  
 16. simplex Suffr. 58-383 U.S.

**Phyllodecta** Kby. 37-216

- (Chaetocera Weise 84-514)  
 15717. vulgatissima (L.) 58-370 Eur. & Sib.  
 Nfld. N.H. Ia.  
 O. Va.  
 a. interstitialis Mann. 53-259 Alas.  
 18. vitellinae (L.) 58-370 Sib. Eur. Ind.  
 L.Sup. Can.  
 19. scutellaris Sahlb. 85-55 Eur. & N.Am.  
 Alas.

**GALERUCINÆ**

Chapuis 75; Horn 93

**CÆLOMERINI****Monocesta** Clark 65-264

15720. coryli (Say) 23-455 Va. Ill. Ks. Mo.  
 Fla.

**Halticidea** Horn 93-61

15721. placida Horn 93-62 Ariz.  
 22. modesta Horn 93-62 Fla.  
 23. delata Horn 93-63 Tex. Ariz.

**ATYSINI****Trirhabda** Lec. 65-219

15724. tomentosa (L.) 67-601 L.I.-Fla.  
 bacharidis (Web.) 01-57  
 lampyroides (Gmel.) 98-1731  
 25. brevicollis Lec. 65-221 Fla.-Tex. Ind.  
 26. virgata Lec. 65-220 Mass.-Fla.  
 Ind.  
 27. canadensis (Kby.) 37-219 H.B.T. N.J.  
 Colo. Cal. Ind.  
 28. geminata Horn 93-68 So. Cal. Ariz.  
 29. caduca Horn 93-69 So. Cal.  
 30. nitidicollis Lec. 65-219 Colo. Utah,  
 31. lewisi Cr. 73-56 Colo. [N.Mex.  
 32. diducta Horn 93-70 Nev. Cal.  
 33. convergens Lec. 65-220 N.S. Kan. Wy.  
 a. virescens Ckll. 90-4 Colo.  
 34. attenuata (Say) 23-459 Kan.-B.C.  
 35. luteocincta (Lec.) 58-88 Cal. N.J.?  
 So. Cal.  
 36. flavolimbata (Mann.) 43-308 L.Sup. Or.  
 Colo. So. Cal.  
 37. labrata Fall 07-242 Cal.  
 38. eriodictyonis Fall 07-243 So. Cal.  
 39. ornata Schffr. 05-137 Tex.  
 40. nigrohumeralis Schffr. 05-170 Ariz.  
 41. subcyanescens Schffr. 06-241 Tex.

**Ophræa** Jac. 86-492

15742. arizonica Fall 10-147 Ariz.

**Galerucella** Cr. 73-55

15743. marmorata Jac. 81-491 Mex. Tex.  
 44. americana (Fab.) 75-489 Atl.-Colo. Ind.  
 cribrata (Lec.) 65-215 [Fla.  
 conferta (Lec.) 65-215  
 45. sexvittata (Lec.) 65-214 Pa.-La. Ind.  
 46. cavicollis (Lec.) 65-216 Can.-Wis.  
 N. Eng. Ind.  
 47. rufosanguinea (Say) 27-299 Pa.-N.C. Nfld.  
 48. integra (Lec.) 65-218 Pa.-Fla. Tex.  
 49. notulata (Fab.) 01-489 Can.-Colo.  
 N.Mex. Ind.  
 Fla.

**Galerucella** Cr.

- bilineata (Kby.) 37-220  
 15750. notata (Fab.) 01-488 Can.-Colo.  
 N.Mex. Ind.  
 Fla.  
 51. nymphææ (L.) 58-376 Eur. Sib. Ind.  
 So. Cal. Alas.  
 Or. Va. Tex.  
 marginella (Kby.) 37-308 H.B.T. Can.  
 sagittariæ (Gyll.) 08-511 Cal. Tex.  
 femoralis (Melsh.) 47-161  
 luctuosa (Mann.) 52-368 Alas.  
 52. tuberculata (Say) 23-256 Colo.-Vanc.  
 a. punctipennis (Mann.) 43-308 [Ind.  
 53. decora (Say) 25-294 Can.-Colo.  
 Ind.  
 ?salicis (Rand.) 78-31 Me. No. N.Y.  
 a. carbo (Lec.) 61-358 Neb.-Or.  
 54. xanthomelæna (Schränk) 81-78 †Eur. Mass. &  
 Va.  
 calmariensis (Harris) 52-124 Southw.  
 gelatinariæ (Fab.) 01-490  
 ?luteola Mull. 66-187

**Monoxia** Lec. 65-221

15755. puncticollis (Say) 23-458 Colo. Tex. Ut.  
 Fla. So. Cal.  
 Ariz.  
 Cal. Atl. St.  
 morosa (Lec.) 57-70  
 maritima Lec. 65-218  
 erosa Lec. 84-28  
 56. consputa (Lec.) 57-70 Kan.-So. Cal.  
 guttulata (Lec.) 57-70 [Ariz.  
 angularis (Lec.) 59-90 Ariz.  
 57. debilis Lec. 65-222 Ut.-So. Cal.  
 obtusa Lec. 65-222 Ariz. [Ariz.  
 58. batisia Blatch. 17-273 Fla.  
 ?atomaria (Fab.) 01-490 S.C.  
 59. sordida (Lec.) 58-88 Ut.-So. Cal.  
 (Fla.?) Ariz.

† Introduced.

## DIABROTICINI

<b>Triarius</b> Jac. 87-571		<b>Diabrotica</b> Chev.	
15760. lividus (Lec.) 84-28	So. Ariz.	15771. balteata Lec. 65-213	Tex.-So. Am.
mexicanus Jac. 88-571	Mex.	sallei Baly 86-227	[Ariz.]
61. trivittatus Horn 93-88	Ariz.	72. peregrina Jac. 88-330	Mex. Tex.
<b>Paratriarius</b> Schffr. 06-243		73. bipuncticollis Schffr. 05-171	Ariz.
15762. dorsata (Say) 23-256	Ark. O. Ind.	<b>B.</b>	
<b>Neobrotica</b> Jac. 87-571		74. longicornis (Say) 23-460	M. St.-Kan.
15763. pluristicta Fall 10-148	So. Ariz.		Ind.
64. furcata (Oliv.) 08-643	Tex.	75. virgifera Lec. 68-59	N. Mex. Ariz.
<b>Diabrotica</b> Chev. 43-717		76. filicornis Horn 93-94	N. Mex.
<b>A.</b>		77. atripennis (Say) 23-461	Mass. Dak.
15765. connexa Lec. 65-212	Tex. Mex.	a. cristata Harris 37-90	[Tex.]
66. variegata Jac. 87-527	L. Cal.	b. fossata Lec. 58-88	Conn.
67. picticornis Horn 93-91	Tex.	78. lemniscata Lec. 68-58	N. Mex.
68. tricineta (Say) 23-457	Colo. Ariz.	79. blandula Lec. 68-58	N. Mex.
suffriani Jac. 88-551	Mex.	80. nitida Linell 98-483	N. Mex. Tex.
69. duodecimpunctata (Fab.) 75-103	Can. Tex. Mex.	81. vineta Lec. 78-416	Ga. Fla.
	Ind. Fla.	<b>C.</b>	
a. tenella Lec. 58-58	So. Cal. Ariz.	82. vittata (Fab.) 75-122	Can.-Fla.-
	Tex. Ariz.	melanocephala (Fab.) 75-118	[Colo. Ind.]
	So. Cal.	americana (Gmel.) 98-1715	
70. soror Lec. 65-212	Or. Cal. Ariz.	stolata (Gmel.) 98-1724	
	So. Cal.	a. incerta Ckll. 95-159	N. Mex.
		83. trivittata (Mann.) 43-309	Cal. So. Cal.
			Ariz.?

## PHYLLOBROTICINI

<b>Phyllobrotica</b> Redt. 49-525		<b>Phyllobrotica</b> Redt.	
15784. nigripes Horn 93-102	So. Cal.	15790. nigritarsis Linell 98-482	Kan. Neb. Tex.
85. luperina Lec. 65-207	So. Cal.	91. costipennis Horn 93-99	Ga. Fla.
86. viridipennis Lec. 59-81	So. Cal. Nev.	92. discoidea (Fab.) 01-485	Conn.-Ga. Ind.
87. vittata Horn 93-100	N. Y.-Ga. Ind.	circumdata (Say) 23-457	
88. decorata (Say) 23-459	Ind. Can. N. J.	93. lengi Blatch. 10-1175	Ind.
olivieri (Kby.) 37-218	[Colo.]	94. limbata (Fab.) 01-486	Conn. D. C. Ia.
89. sororia Horn 96-378	Tex.		Tex. Ind.

## SCELIDINI

<b>Scelolyperus</b> Cr. 74-79		<b>Scelolyperus</b> Cr.	
15795. flaviceps Horn 93-103	Ariz.	15803. longulus (Lec.) 57-69	Tex.-Or.
96. flavicollis (Lec.) 59-81	So. Cal.	nigrocyaneus (Lec.) 79-517	
97. tejonicus Cr. 74-79	So. Cal.	04. decipiens Horn 93-106	No. Cal.
98. loripes Horn 93-104	Cal.	<b>Trachyscelida</b> Horn 93-107	
99. maculicollis (Lec.) 84-27	So. Cal.	15805. bicolor (Lec.) 84-28	So. Cal.
15800. cyanellus Horn 95-251	L. Cal.	<b>Synetocephalus</b> Fall 10-146	
01. graptoderoides (Cr.) 74-80	So. Cal.	15806. autumnalis Fall 10-146	So. Cal.
02. schwarzi Horn 93-105	Or. No. Cal.		

## LUPERINI

<b>Eusattodera</b> Schffr. 06-244		<b>Luperodes</b> Mots.	
15807. pini Schffr. 06-244	Ariz.	15817. texanus Horn 93-113	Tex.
<b>Luperodes</b> Mots. 58-102		18. transitus Horn 93-113	So. Cal.
( <i>Luperus</i> ‡ auct.)		19. laticeps Horn 93-114	So. Cal.
15808. californica Schffr. 06-245	Cal.	20. wickhami Horn 93-114	Ariz.
09. bivittatus Lec. 59-81	So. Cal.	21. torquatus Lec. 84-28	So. Cal.
10. varicornis Lec. 68-57	N. C.-Ariz. Fla.	22. lecontei Cr. 73-54	N. Mex.
brunneus Cr. 73-54		rufipes    Lec. 59-27	
11. davisi Leng 11-193	Ga.	23. meraca (Say) 27-299	N. H. Ga. Kan.
12. atriceps Horn 93-112	Ariz.		Ct.
13. marginalis Fall 10-149	Tex.	24. cyanellus Lec. 65-209	Pa. Mo. Ind.
14. atricornis Fall 10-149	Ariz.	25. smaragdinus Lec. 59-286	So. Cal.
15. thoracicus (Melsh.) 47-162	Pa. Ga. Kan.	26. morulus Lec. 65-210	Tex.
16. luteicollis Lec. 68-57	Colo. N. Mex.	27. spretus Horn 93-117	Tex.
		28. semiflavus Fall 07-252	N. Mex.

**Luperodes** Mots.

15829. *morrisoni* Jac. 81-595  
 30. *varipes* Lec. 57-69  
 31. *intermixtus* Fall 10-151

So. Cal. Ariz.  
 So. Cal. Mont.  
 Colo.  
 N. Mex. Ariz.

**Luperodes** Mots.

15832. *curvatus* Fall 10-150 Cal.  
 33. *crassicornis* Fall 10-151 Cal.  
 34. *nigrovirescens* Fall 10-152 Colo.  
 35. *histrio* Horn 95-250 L. Cal.

## ANDROLYPERINI

**Androlyperus** Cr. 73-55

15836. *fulvus* Cr. 73-55  
 37. *incisus* Schffr. 06-247

Cal.  
 Ariz.

**Malacorhinus** Jac.

15839. *nigrescens* Schffr. 06-248 Utah

**Malacorhinus** Jac. 87-582

15838. *maculatus* (Lec.) 84-28 So. Cal.

**Cneorane** Baly 65-97 (?)

15840. *acaciæ* Schffr. 06-246 Tex.

## METACYCLINI

**Metacycla** Baly 61-206

(*Gastrogyna* Lec. 65-311)

15841. *insolita* (Lec.) 61-338 L. Cal.

## AGELASTICINI

**Exosoma** Jac. 03-25

(*Malacosoma* || Chev. 46-605)

(*Agelastica* † auct.)

15842. *vittipenne* Horn 93-123  
 43. *brevicorne* Jac. 87-582  
 44. *pini* Schffr. 06-248

S. W. Tex.  
 Mex. Ariz. Ut.  
 Ariz.

**Exosoma** Jac.

15845. *cimex* (Allard) 89-68 Cal.

**Agelastica** Redt. 49-525

15846. *alni* L. 58-369 † Eur. N. J. N. Y.  
 ? *cœrulea* Baly 74-188 Japan, N. Am.

## PHYLLECTHRINI

Horn 96

**Phyllecthrus** Lec. 65-207

15847. *parallelus* Horn 93-126  
 48. *subsulcatus* Horn 93-126  
 49. *schwarzi* Horn 96-377  
 50. *gentilis* Lec. 65-208

Tex.  
 Tex. N. Am.  
 Tex. [Ariz.  
 Pa.-Ga. Tex.  
 Mont. Ind.

**Phyllecthrus** Lec.

- a. *nigripennis* Lec. 68-58  
 b. *texanus* Lec. 84-28  
 15851. *dorsalis* (Oliv.) 08-646 D. C. Mo. Tex.  
*atriventris* (Say) 23-461

## GALERUCINI

**Galeruca** Geoffr. 62-251

(*Adimonia* Laich. 81- nec Leach)

15852. *externa* Say 23-458 Kan.-Ariz.  
*rudis* Lec. 57-69 Wash.

**Galeruca** Geoffr.

15853. *pomonæ* Scop. 63-83 † Eur. Ind. O.  
*tanaceti* † auct. nec (L.) 58-369 [Ill.]

## CEROTOMINI

**Cerotoma** Chev. 43-342

15854. *trifurcata* (Forst.) 71-29 Can. N. C. Tex.  
*caminea* (Fab.) 01-459 Fla. [Ind.]

**Andrector** Horn 72-152

15855. *sexpunctatus* Horn 72-152 Tex.  
 56. *ruficornis* (Oliv.) 91-200 So. Am. Ariz.

AGELASINI (*Sermylini*)**Agelasa** Mots. 60-25

(*Agelastica* † Lec. nec Chev.)

(*Sermyla* Chap. 75-224)

- *halensis* (L.) 67-589 Sib. Eur. (Ct.?)  
 Wis. ? La. ?  
 not N. Am.

**Monolepta** Er. 43-265

15857. *crucigera* Schffr. 06-249 Ariz.

## HALTICINÆ

Horn 89

BLEPHARIDINI<sup>1</sup>**Blepharida** Rogers 56-29

15858. *rhois* (Forst.) 71-21 Mass.-Mont.  
 Ariz.  
*meticulosa* (Oliv.) 08-531 Fla. Tex. Ind.

**Blepharida** Rogers

- virginica* (Fröl.) 92-129  
*atrypennis* Horn 95-249 L. Cal.

<sup>1</sup> The termination used by Horn has been altered to conform with that used throughout for tribes, i. e., Horn's Blepharidæ becomes Blepharidini, Monoplati becomes Monoplatini, &c.

† Introduced.



## MONOPLATINI

- Phædromus** Clark 60-66  
 15859. *waterhousei* Clark 60-68 (S.C. ?)
- Pachyonychus** Chev. (Horn 89-170)  
 15860. *paradoxus* Melsh. 47-163 D.C. Ind.
- Hypolampsis** Clark 60-230  
 15861. *pilosa* (Ill.) 07-105 H.B.T. Fla.  
       *hispidula* (Ziegl.) 46-47 Tex. [Ind. Or  
       *rugosa* (Oliv.) 08-707 S.C.  
       *clarki* Cr. 73-57 Pa.  
 62. *mellyi* Cr. 73-58 Kan.

## PSEUDOLAMPSINI

- Pseudolampsis** Horn 89-174  
 15863. *guttata* (Lec.) 84-29 La.

## ÆDIONYCHINI

- Hamletia** Cr. 53-58  
 15864. *dimidiaticornis* Cr. 53-58 Ga. Fla.  
       *paradoxa* (Clark) 60-67
- Ædionychis** Latr. 29-154  
 A.  
 15865. *gibbitarsa* (Say) 24-83 M.St.-Tex.  
       66. *flavocyanea* Cr. 73-62 Tex. [Ind. Fla.  
       67. *thoracica* (Fab.) 75-821 Atl.-Colo. Ind.  
       *flava* (Gmel.) 98-1691 [Fla.  
       68. *vians* (Ill.) 07-83 Atl.-Colo. Ind.  
       *abdominalis* (Oliv.) 08-679 [Fla.  
       *thoracica* var. Clark 65-166  
       a. *scripticollis* (Say) 24-84 Ind.  
       69. *concinna* (Fab.) 01-499 Ga.Tex.Ind.  
       70. *violascens* Lec. 59-81 So.Cal. [Fla.  
       71. *lugens* Lec. 59-24 N.Mex. Ariz.  
       72. *interjectionis* Cr. 73-61 Tex. Mex.  
       a. *gracilis* Jac. 87-420 Mex. (U.S.?)  
       73. *fimbriata* (Forst.) 71-25 N.C. Fla. Tex.  
       *suturella* (Say) 27-300 [Ind.  
       *circumcincta* Cr. 73-62 Fla.  
       74. *æmula* Horn 89-185 Ariz.  
       75. *petaurista* (Fab.) 01-495 N.C. Tex. Fla.  
       a. *brevilineata* Horn 89-186  
       76. *tenuilineata* Horn 89-186 So.Ariz.
- Ædionychis** Latr.  
 15877. *miniata* (Fab.) 01-495 Atl.-Tex. Ind.  
       *fallax* Melsh. 47-162 [Fla.  
       *jocosa* Harold 76-124  
       78. *horni* Harold 81-142 Tex.  
       79. *ulkei* Horn 89-188 Fla.  
       80. *longula* Harold 77-434 Cal.?  
       81. *jacobiana* Horn 89-189 So.Ariz.
- B.  
 82. *flavida* Horn 89-190 Tex.  
 83. *indigoptera* Lec. 78-416 Ga. Fla.  
 84. *texana* Cr. 73-63 Tex.  
 85. *thyamoides* Cr. 73-63 Ind.Tex.Dak.  
 86. *limbalis* Melsh. 47-162 Mass.Ga.Tex.  
       a. *subvittata* Horn 89-193 [Ind.Ct.  
 87. *sexmaculata* (Ill.) 07-104 Me. Mo. Ind.  
       *palliatata* Rand. 38-47 [Fla. Ct  
 88. *suturalis* (Fab.) 01-499 Ga. Fla.  
 89. *quercata* (Fab.) 01-495 Atl.-Colo.Ind.  
       *obsidiana* (Fab.) 01-499 [Ct. Fla.  
       *circumdata* Rand. 38-48  
 90. *scalaris* Melsh. 47-163 M.St.-Ga.Tex.  
       *lobata* Lec. 59-24 [Ind. Fla.  
 — ?*liturata* (Oliv.) 08-707 S.C.  
       (see genus *Ora*)

## ASPICELINI

- Homophœta** Er. 47-172  
 (*Asphæra* Chev. 42-227)  
 15891. *æquinotialis* (L.) 58-374 Tex.-Brazil  
       *quadrinotata* (Fab.) 98-98  
       *octomaculata* Cr. 73-60  
 92. *lustrans* Cr. 73-60 Tex. Ariz.
- Homophœta** Er.  
 15893. *abdominalis* (Chev.) 35-65 Tex. Mex.  
       *opacior* Cr. 73-60
- Phydanis** Horn 89-198  
 15894. *bicolor* Horn 89-199 S.W. Tex.

## DISONYCHINI

- Disonycha** Chev. 44-80  
 15895. *pennsylvanica* (Ill.) 07-146 Can. No.U.S.  
       *uniguttata* (Say) 24-88 [Ind. So.Cal.  
       *vicina* (Kby.) 37-217  
       *proccra* Csy. 84-182 Del.  
       a. *limbicollis* Lec. 57-67  
       b. *pallipes* Cr. 73-64  
       c. *conjugata* (Fab.) 01-495 Fla.  
 96. *quinquevittata* (Say) 24-85 Wis.-Mex.Ind.  
       So.Cal. Ariz.  
       *puncticollis* Lec. 57-67 [Conn.  
       *fumata* Lec. 58-86  
       *pluriligata* Lec. 58-27  
       *punctigera* Lec. 59-24 Fla.  
       *capitata* Jac. 87-316  
       a. *pura* Lec. 58-86 Ariz.
- Disonycha** Chev.  
 15897. *crenicollis* (Say) 35-200 N.Y.-Mex.  
       Fla. Ariz. [Ind.  
       98. *caroliniana* (Fab.) 75-122 Pa. Fla. Ind.  
       *quinquevittata* (Fab.) 75-118 [Conn.  
       *alternata* (Ill.) 07-144  
       a. *pulchra* Csy. 84-51 Pa.  
       99. *arizonæ* Csy. 84-52 So.Ariz.  
 15900. *maritima* (Mann.) 43-311 So.Cal. Nev.  
       01. *glabrata* (Fab.) 81-156 Fla. Ga.-Ariz.  
       Ind.  
       02. *abbreviata* Melsh. 47-163 M.St.Fla.Tex.  
       a. *leptolineata* Blatch. 17-143 Fla. [Ind.  
       03. *tenuicornis* Horn 89-208 So.Ariz.  
       04. *discoidea* (Fab.) 87-25 N.C. Tex. Ind.  
       05. *funerea* (Rand.) 38-47 Ga. Conn.

**Disonycha** Chev.

15906. *triangularis* (Say) 24-84 Atl.-Colo. Ind.  
*puncticollis* (Kby.) 37-218  
 07. *xanthomelæna* (Dalm.) 23-79 N.Eng. Fla.  
*collaris* ‡ (Ill.) 07-126 [Tex. Ind.  
 08. *politula* Horn 89-211 N.Mex. Ariz.  
 09. *cervicalis* Lec. 59-25 Ga. (Kan.?)

**Disonycha** Chev.

15910. *mellicollis* (Say) 35-199 Ind. La. Tex.  
*semicarbonata* Lec. 59-25 [Colo. Fla.  
 11. *collata* (Fab.) 01-463 Ga. Fla. Ind.  
 Conn.  
 12. *varicornis* Horn 89-210 Tex. L. Cal.

**Hemiphrynus** Horn 89-212

15913. *intermedius* (Jac.) 87-293 So. Ariz.

## MNIOPHILINI

**Argopistes** Mots. 60-236

15914. *scyrtoides* Lec. 78-416 Fla.

**Sphæroderma** Steph. 34-328

15915. *opima* Lec. 78-417 Ill. N.C. Tex.

## HALTICINI

**Haltica**<sup>1</sup> Geoffr. 62-244

- (*Hermiophaga* Foudr. 59-VI)  
 (*Graptodera* ‡ auct.)  
 (*Cæporis* Clark 65-399)  
 15916. *bimarginata* Say 24-85 So. Cal. Can.  
 Pa. Alas.  
*plicipennis* Mann. 43-310 Mex. Ind.  
*prasina* Lec. 57-67  
*ambiens* Lec. 59-25  
*subplicata* Lec. 59-25  
 17. *chalybea* Ill. 07-115 N. Eng. Fla.  
*vitivora* Thomas 34-113 [Ind. Tex.  
 18. *nana* Cr. 73-72 S.C. Fla.  
*nanula* Lec. 84-29  
 19. *nigritula* Linell 98-484 Tex.  
 20. *ignita* Ill. 07-117 H.B.T.-Fla.  
*kalmiæ* Melsh. 47-164 [Tex. Ind.  
*inærata* Lec. 60-317  
 21. *rosæ* Woods 18-174 Me. Conn.  
 N.Y.  
 22. *corni* Woods 18-156 Me. Conn.  
 23. *ulmi* Woods 18-182 Me. Conn. Pa.  
 24. *cuprascens* Blatch. 10-1202 Ind.  
 25. *ænescens* Blatch. 10-1202 Ind.  
 26. *litigata* Fall 10-154 Fla.  
 27. *schwarzi* Blatch. 14-141 Fla.  
 28. *vaccinia* Blatch. 16-94 Fla.  
 29. *proбата* Fall 10-153 Cal.  
 30. *suspecta* Fall 10-154 So. Cal.  
 31. *nitidiventris* Fall 10-155 L. Cal.  
 32. *vicaria* Horn 89-222 Mass. Fla. Ariz.

**Haltica** Geoffr.

15933. *carinata* Germ. 24-610 Vt. Pa. So. Cal.  
*exapta* Say 32-6 Fla.  
 34. *torquata* Lec. 58-27 Kan. Fla. Me.  
 35. *californica* Mann. 43-310 Cal. So. Cal.  
 36. *obliterata* Lec. 59-26 Ariz. N. Mex.  
 37. *evicta* Lec. 59-286 Or.  
 38. *convicta* Fall 10-155 So. Cal.  
 39. *æruginea* Lec. 59-286 So. Cal.-Or.  
 40. *obolina* Lec. 57-67 So. & No. Cal.  
 41. *amœna* Horn 89-225 Ga. [Nev.  
 42. *marevagans* Horn 89-226 Conn.-Fla.  
 43. *tombacina* Mann. 53-259 Alas. Cal.  
 44. *ovulata* Fall 10-156 Colo. [Mont.  
 45. *tincta* Lec. 59-286 Nev. Or. Cal.  
 Mont.  
 46. *foliacea* Lec. 58-86 Mo. Ariz. Cal.  
*punctipennis* Lec. 59-25 So. Cal.  
 47. *lazulina* Lec. 57-67 Colo. Mont.  
 Wash.  
 48. *polita* Oliv. 08-706 S.C. Ga.  
 49. *fuscoænea* Melsh. 47-165 Mass. Ga. Ind.  
 50. *knabi* Blatch. 10-1203 Ind.  
 51. *opulenta* Horn 89-230 So. Ariz.  
 52. *ludoviciana* Fall 10-157 La.  
 53. *floridana* Horn 89-230 Fla.  
 54. *burgessi* Cr. 73-71 Fla.  
 55. *rufa* Ill. 07-153 Mass. Ill. Ind.  
 56. *scutellaris* Oliv. 08-699 [Fla. Tex.  
 57. *testacea* Fall 10-157 Tex.  
 58. *texana* Schffr. 06-250 Tex.  
 59. *oleracea* (L.) 35-593 Greenland?

## LACTICINI

**Lactica** Er. 47-173

15960. *tibialis* (Oliv.) 08-697 N.C. Fla. La.  
*ocrea* (Say) 32-7  
*xanthochroa* Harold 75-89 Fla.  
 61. *iris* (Oliv.) 08-702 Md. Ga. Ind.  
*specularis* Harold 75-89 Fla.  
 62. *bumeliæ* Schffr. 05-172 Tex.  
 63. *infuscata* Schffr. 06-250 Tex.

**Diphaulaca** Clark 65-377

15964. *bicolorata* Horn 89-234 Mich. La. Kan.  
 Ga. Fla.

**Trichaltica** Harold 76-2

15965. *scabricula* (Cr.) 73-71 O.-Tex. Ind.  
 66. *virescens* Schffr. 06-251 Ariz.

## CREPIDODERINI

**Hemiglyptus** Horn 89-237

15967. *basalis* (Cr.) 74-80 Cal. So. Cal.

**Chalcoides** Foudr. 60-312

15968. *helxines* (L.) 58-373 Ind.  
*nana* (Say) 24-86 Atl.-Pac. Fla.  
 Ariz. So. Cal.  
*violacea* (Melsh.) [Eur. Sib.  
*opulenta* (Lec.) [Greenland

**Crepidodera** Chev. 44-334

15969. *erythropus* Melsh. 47-165 Atl.-La. Ind.  
*?rufipes* (L.) 58-373 Eur. [Colo.  
 70. *æsculi* Dury 06-253 Ohio  
 71. *longula* Horn 89-240 Kan. Ind.  
 72. *pallida* Fall 10-158 No. Cal.  
 73. *robusta* Lec. 74-274 N.H.  
 74. *atriventris* Melsh. 47-165 Mass.-Md. Fla.  
 74½. *carinata* Linell 97-484 No. Car.

<sup>1</sup> Also spelled Altica.

**Crepidodera** Chev.

15975. *nitens* Horn 89-243 Ill. Ind.  
76. *peninsularis* Horn 95-249 L. Cal.

**Hippuriphila** Foudr. 60-306

15977. *modeeri* (L.) 61-167 Sib. Eur. Can.  
Mich. Ind. Or.  
*mancula* (Lec.) 61-358 [H.B.T. Cal.]

**Sangaria** Harold 76-13

15978. *flexicaulis* Schffr. 06-172 Tex.

**Epitrix** Foudras 60-308

15979. *fuscata* Cr. 73-72 Atl.-Mo. Ind.  
80. *humeralis* Dury 06-253 O. Ind. Kan.  
81. *lobata* Cr. 73-72 N.C. Fla.  
82. *cucumeris* Har. 51-103 Mass. Ga. Ind.  
*pubescens* (pars) Ill. 07-58 [Cal. So. Cal.]  
*seminulum* Lec. 61-358

**Epitrix** Foudras

15983. *brevis* Sz. 78-367 Fla. Tex. Ind.  
84. *fasciata* Blatch. 18-56 Fla.  
85. *subcrinita* Lec. 57-68 Or. So. Cal.  
Ariz.  
86. *parvula* (Fab.) 01-468 So. Cal. U.S.  
Nev. Ind. Fla.  
*hirtipennis* (Melsh.) 47-165 [Conn.]  
87. *flavotestacea* Horn 94-407 L. Cal.

**Orthaltica** Cr. 73-69

15988. *copalina* (Fab.) 01-466 Mass. Fla. Ind.  
*forticornis* (Ill.) 07-111 [Ia.]  
89. *melina* Horn 89-249 Ind. Kan. Tex.

**Leptotrix** Horn 89-249

15990. *recticollis* (Lec.) 61-358 So. Cal. Or.

## LUPERALITICINI

**Luperaltica** Cr. 73-70

15991. *fuscata* (Lec.) 65-206 Pa. Va. Ia. Kan.  
*nigripalpis* (Lec.) 65-206

**Luperaltica** Cr.

15992. *senilis* (Say) 24-87 Pa. Ind. Ill.  
*tincta* (Lec.) 65-206

## ARSIPODINI

**Mantura** Steph. 31-323

15993. *floridana* Cr. 73-73 Mass. Fla. Tex.  
Ind.

## EUPLECTROSCELINI

**Euplectroscelis** Cr. 73-75

15994. *xanti* Cr. 73-75 L. Cal.

## CHÆTOCNEMINI

**Chætocnema** Steph. 31-325

15995. *cribrata* Lec. 78-419 Mass. (Or.?)  
96. *perturbata* Horn 89-257 Minn. Colo.  
97. *irregularis* Lec. 57-69 Cal. Or. Nev.  
*rudis* Lec. 78-615 [Mich.]  
98. *subcylindrica* Lec. 78-419 Mass. Pa. B.C.  
99. *protensa* Lec. 78-417 Colo. Mich.  
16000. *brunescens* Horn 89-259 Fla. [Md. Ind.]  
01. *denticulata* (Ill.) 07-163 N. Eng. Fla.  
Tex.  
*semichalcea* Melsh. 47-167 Mont. Cal. Ind.  
*americana* Mots. 60-235  
*texana* Cr. 73-74  
02. *cribrifrons* Lec. 79-547 Ga. Tex. Cal.  
Ind.  
03. *pinguis* Lec. 78-417 N.C. Fla. Tex.  
04. *æmula* Horn 89-261 Ariz. [Ind.]  
05. *opacula* Lec. 78-418 So. Cal. Cal.  
(Colo.?)  
06. *minuta* Melsh. 47-167 Conn. Fla. Ariz.  
07. *carinata* Linell 98-484 N.C. [Ind.]

**Chætocnema** Steph.

16008. *alutacea* Cr. 73-74 Ga. Fla.  
09. *subviridis* Lec. 59-27 So. Cal. Kan.  
Cal.  
10. *opulenta* Horn 89-264 So. Cal. N. Mex.  
11. *obesula* Lec. 78-418 Fla. [Ind.]  
12. *ectypa* Horn 89-265 So. Cal. Ariz.  
13. *parcepunctata* Cr. 73-74 Mass. Fla. Tex.  
*paupercula* Csy. 84-53 L. I. [Ind.]  
14. *pulicaria* Melsh. 47-167 Pa. N.C. Ind.  
Colo. Conn.  
*æneola* Lec. 79-518 [Fla.]  
15. *crenulata* Cr. 73-74 N.C. Fla.  
16. *confinis* Cr. 73-75 Conn.-Fla. Ind.  
*flavicornis* Lec. 78-418 [Cal.]  
17. *costata* Fall 07-252 N. Mex.  
18. *elongatula* Cr. 73-75 Kan. Colo.  
19. *dispar* Horn 89-267 No. Ga. [Dak.]  
20. *quadricollis* Sz. 78-368 Fla. N.J.  
21. *decipiens* Lec. 78-418 Kan.

## SYSTEMENINI

**Systema** Clark 65-378

16022. *hudsonias* (Forst.) 71-26 Atl.-Colo. Ind.  
*frontalis* ‡ Ill.) 07-155 pars  
23. *pallicornis* Schffr. 06-252 Tex.  
*frontalis* (Fab.) 01-500 Atl.-Colo. Ind.  
24. *collaris* Cr. 73-68 Tex. [Fla.]  
25. *subænea* (Lec.) 57-68 Cal. Nev.  
26. *pallipes* Sz. 78-367 Ga. Fla.

**Systema** Clark

16027. *elongata* (Fab.) 98-99 S.C. Ga. Ind.  
Fla.  
28. *tæniata* (Say) 24-294 Conn. So. Cal.  
Ariz.  
*blanda* (Melsh.) 47-164 N. Eng. Dak.  
*ligata* (Lec.) 57-68 Cal. Nev.  
*ochracea* (Lec.) 58-87 Cal. Ariz.



**Systema** Clark

mitis (Lec.) 58-87  
bitæniata (Lec.) 59-36  
pallidula (Boh.) 58-192

Nev. Cal. Ariz.  
Ariz.  
Ariz.

**Systema** Clark

16029. marginalis (Ill.) 07-150  
oblonga (Lec.) 24-173  
30. sexnotata Fall 10-159

Mass. Fla. Mo.  
[Ind.]  
Tex.

## OXYGONINI

**Dysphenges** Horn 94-408

16031. elongatulus Horn 94-409 L. Cal.

## APHTHONINI

**Longitarsus** Latr. 29-155

16032. varicornis Suffr. 68-215  
subcinctus Harold 76-30  
heliophyti Horn 89-278  
33. subrufus Lec. 59-26  
34. turbatus Horn 89-279  
35. oregonensis Horn 89-280  
36. traductus Horn 89-280  
37. postremus Horn 89-280  
38. repandus Lec. 58-87  
39. livens Lec. 58-87  
40. vanus Horn 89-282  
41. occidentalis Horn 89-282  
42. bicolor Horn 89-282  
43. alternatus (Zieg.) 46-271  
rubicundus (Melsh.) 47-166  
rubicundus Lec. 59-26  
44. montivagus Horn 89-283  
45. erro Horn 89-284  
46. pygmæus Horn 89-284  
47. testaceus Melsh. 47-166  
48. cotulus Blatch. 14-141  
49. melanurus Melsh. 47-166

Cuba,  
S. Am. Mex.  
Fla. Ala. Tex.  
Kan. Ind.  
Mich. Ala. Tex.  
Or. [Ind.]  
S. W. Va.  
W. Nev.  
So. Cal. Ariz.  
So. Cal.  
Tex. Ariz.  
Colo. Ut. Ariz.  
N. Mex.  
Pa. Ind. Colo.  
Cal.  
So. Cal. Nev.  
L. Sup. Ind.  
Ga. Fla.  
Pa. Ga. Ind.  
Fla. [Fla.]  
Fla. Can. N. C.  
Ind. Mo.

50. rufescens Horn 89-285  
51. insolens Horn 89-286  
52. perforatus Horn 89-286  
53. solidaginis Horn 89-286  
54. nitidellus Ckll. 88-4  
55. mancus Lec. 58-87  
apterus Lec. 58-87  
— californicus (Mots.) 45-382 (Cal.?) (Tex.?)

Cal.  
Va. N. J. Conn.  
Fla.  
Fla.  
Ariz. N. Mex.  
Colo.  
Cal. So. Cal.  
Fla. Ga. La.  
Kan. Ind.  
Ariz.  
Fla. Tex. Ind.  
N. Mex.  
Fla. Ga. La.  
Wis. [Tex.]

**Glyptina** Lec. 59-26

(*Batophila* ‡ Lec. nec Foud. 60-266)

16056. bicolor Horn 89-289

57. arizonica Schffr. 06-252  
58. cyanipennis Cr. 73-65  
59. nivalis Horn 89-290  
60. brunnea Horn 89-291

**Glyptina** Lec.

16061. spuria Lec. 59-26  
lissotorques Lec. 59-26  
62. cerina (Lec.) 57-68

63. atriventris Horn 89-292

**Phyllotreta** Fondras 60-230  
(*Orchestris* ‡ Cr. 73-65)

A.

16064. lepidula (Lec.) 57-68  
65. sinuata (Steph.) 31-297  
zimmermanni (Cr.) 73-66  
66. vittata (Fab.) 01-469

Pa. Fla. Dak.  
Pa. [Ind.]  
So. Cal. Ariz.  
(Fla.?)  
Tex. Colo.  
So. Cal. Ariz.  
Cal. So. Cal.  
Sib. Eur. Atl.-  
Mo. Ind. Mich.  
[Pa.]  
Atl.-Ind. Fla.  
(So. Cal.?)

striolata Ill. 07-293

67. oregonensis (Cr.) 73-66  
68. robusta Lec. 78-614  
69. denticornis Horn 89-297  
70. ulkei Horn 89-298  
71. decipiens Horn 89-298  
72. albionica (Lec.) 57-68

Or. Nev.  
Colo. Ind.  
Cal.  
Ohio  
Or. Wash.  
Cal. So. Cal.

B.

73. ramosa (Cr.) 74-80  
74. bipustulata (Fab.) 01-464  
75. armoraciæ (Koch) 03-75  
76. chalybeipennis (Cr.) 73-67  
77. lewisi (Cr.) 73-66

Cal. So. Cal.  
Conn. S. C. Ind.  
Eur. Ind. N. J.  
Mass. Fla.  
Cal. Ariz. Tex.  
Ind.  
Kan. Tex. Ind.  
Ohio  
Dak. Tex.-  
Ariz. So. Cal.  
N. C. Fla. Tex.  
Ind.

78. æneicollis (Cr.) 73-67  
79. lindahli Dury 06-254  
80. pusilla Horn 89-302

81. picta (Say) 24-87

**Aphthona** Chev. 42-5

(*Cerataltica* Cr. 73-73)

16082. texana (Cr.) 73-67

83. socia Horn 89-304  
84. insolita (Melsh.) 47-168  
— subglobosa Mots. 45-381

Tex. Colo. Neb.  
Tex.  
Pa. Fla. Ind.  
Cal.

## DIBOLIINI

**Dibolia** Latr. 29-155

16085. sinuata Horn 89-307  
86. borealis Chev. 45-307  
area Melsh. 47-167

Tex.  
Can. E. U. S.  
[Ind.]

**Dibolia** Latr.

16087. ovata Lec. 59-286

88. libonoti Horn 89-308

Cal. Nev.  
(So. Cal.?)  
Ariz.

## PSYLLIODINI

**Psylliodes** Latr. 29-154

16089. punctulata Melsh. 47-166  
parvicollis Lec. 57-69  
extricata Csy. 84-54 ♂  
ænescens Csy. 84-55

Can. Wash.  
Tex. Ind. Fla.  
[So. Cal.]  
N. J.  
L. I.

**Psylliodes** Latr.

16090. convexior Lec. 57-69  
interstitialis Lec. 58-67  
91. guatemalensis Jac. 87-394  
92. sublaevis Horn 89-321  
93. elegans Horn 89-311

So. Cal. Fla.  
[D. C. Ind.]  
Ariz.  
S. W. Utah  
Fla. Kan.

## HISPINÆ

Crotch 73; Horn 83; Weise 11

## CEPHALOLINI

**Stenispa** Baly 58-1316094. *metallica* (Fab.) 01-66*brevicollis* (Rand.) 38-48Fla.S.C.M.St.  
N.Eng. Ind.

Tex.

**Stenispa** Baly16095. *collaris* Baly 58-163La.Okla.Mich.  
Tex.

## CHALEPINI

**Anisostena** Weise 10-120*(Charistena* † Cr. Horn)16096. *nigrita* (Oliv.) 08-778 Atl. St. Fla.97. *suturalis* Weise 07-205 Ariz.98. *nunenmacheri* Weise 07-206

Ariz.

99. *perspicua* Horn 83-298 Ariz. N.Mex.16100. *bicolor* Smith 85-95 N.Mex.01. *funesta* Baly 85-46 Mex. Ariz.02. *ariadne* Newn. 40-77 S.C. Fla.03. *lecontei* Baly 64-252 Fla.**Anoplitis** Chap. 75-316*(Odontota* † Horn)16104. *gracilis* (Horn) 83-298 Tex.05. *inæqualis* (Web.) 01-65 Atl.-Mo.Ind.*baucis* (Newn.) 38-390*flavipes* (Germ.) 24-529? *nervosa* (Panz.) 98-8<sup>1</sup>*dentata* † Panz. nec Fab. 98-92*obsoleta* (Say) 23-432*pallida* (Say) 23-432*quercifoliae* Harr. 35-141*suturalis* (Fab.) 01-6306. *rosea* (Web.) 01-66 N.Am.Mex.a. *philemon* (Newn.) 38-390 [Fla.]07. *lateritia* (Smith) 85-95 Ariz.**Chalepus** Thunb. 05-282*(Odontota* † Cr. Horn)**Chalepus** Thunb.16108. *walshi* (Cr.) 73-81 Ill. Ark. Colo.*collaris* || Say 23-433 [Ariz.]09. *bicolor* (Oliv.) 92-96 Ct.Fla.Atl.St.*bacchus* (Newn.) 40-76 [Ind.]*(Xenochalepus* Weise 10-136)10. *ater* Weise 05-134 Mex. Ariz.*omoger* (Chap.) 77-12 & Horna. *crotchi* Weise 10-14411. *scapularis* (Oliv.) 08-766 Ind. Conn.-*lateralis* (Say) 23-431 [Ariz.Fla.]12. *notatus* (Oliv.) 08-774 N.C. Fla.13. *dorsalis* Thunb. 05-282 M.&.S.St.Ind.*scutellaris* (Oliv.) 08-771*harrisi* (Cr.) 73-8114. *horni* (Smith) 85-94 Atl.St. Ind.*smithi* Donck. 99-592— *collaris* Thunb. 05-282 N.Am.?— *rufigaster* Thunb. 05-282 N.Am.?**Baliosus** Weise 05-6416115. *californicus* (Horn) 83-297 Ariz.Mex.

So.Cal.

16. *ruber* (Web.) 01-66 N.&.C.Am.

Ind. Conn.Fla.

*marginatus* (Say) 24-292*marmoratus* (Baly) 85-60*pallipes* (Germ.) 24-529 Ky.*quadratus* (Fab.) 01-60*rubellus* (Schön.) 17-7

## UROPLATINI

**Brachycoryna** Baly 86-8916117. *horni* Weise 05-319 Cal.*melsheimeri* † Horn 83-294

So.Cal.

18. *longula* Weise 07-207 Ariz.19. ? *melsheimeri* (Cr.) 73-83 Pa.20. *montana* (Horn) 83-294 Mont.21. *pumila* Guér. 44-280 Mex. Tex.**Stenopodius** Horn 83-30116122. *flavidus* Horn 83-301 So.Cal. Ariz.**Octotoma** Suffr. 68-23416123. *marginicollis* Horn 83-300 Ariz. Mex.24. *plicatula* (Fab.) 01-63 Ill.Tex. Ind.

Fla.

**Uroplata** Baly 64-33516125. *nigella* Weise 07-208 Ariz.26. *porcata* (Melsh.) 46-161 Pa. Ill. Fla.? *pluto* (Newn.) 40-77 [Conn.]**Pentispa** Chap. 75-32216127. *melanura* Chap. 77-22 Mex. Tex.**Pentispa** Chap.*dimidiata* (Horn) 83-29216128. *suturalis* Baly 85-51 Mex. Ariz.*arizonica* (Schffr.) 06-253a. *vittula* Weise 11-73**Microrhopala** Baly 64-26816129. *vittata* (Fab.) 98-117 Atl.-Colo. Ind.a. *laetula* (Lec.) 59-27 Kan.-Or.30. *xerene* (Newn.) 38-290 Atl. St. Ind.a. *interrupta* Couper 65-63 Can.31. *rubrolineata* (Mann.) 43-307 Cal. So.Cal.a. *signaticollis* (Lec.) 59-84*bivitticollis* Baly 64-270b. *vulnerata* Horn 83-292 Ariz.32. *floridana* Sz. 78-369 Fla.33. *excavata* (Oliv.) 08-775 Ind. Can. Ga.34. *erebus* (Newn.) 40-77 Fla. [Tex.]35. *cyanea* (Say) 23-433 Mo.Colo.Tex.*hecate* (Newn.) 40-7736. *uniformis* Smith 85-94 Ariz.<sup>1</sup> Page 8 (unnumbered) of Vorbericht.

## CASSIDINÆ

Boheman 54, 62; Spaeth 14; Barber 16

**Porphyraspis** Hope 40-154

16137. *cyanea* (Say) 23-435  
*erythroceræ* (Germ.) 24-731 Ga. Fla.

**Hilarocassida** Spaeth 13-133

(Mesomphalia † Horn)

16138. *exclamationis* (L.) 67-577 Mex. L. Cal.

**Chelymorphæ** Boh. 54-1

16139. *cassidea* (Fab.) 75-82 Can.-Fla.  
*argus* (Licht.) 95-66 [Wash. Ind.]  
*cribraria* (Oliv.) 90-383  
a. *lewisi* Cr. 73-77 N. Mex. Colo.  
b. *phytophagica* Cr. 73-77 Ariz.  
c. *17-punctata* (Say) 23-435 Ark.  
d. *geniculata* Boh. 54-39 Cuba, Fla.

**Eurypepla** Boh. 54-236

16140. *jamaicensis* (L.) 58-364 Jam. Fla.  
*?vitrea* Boh. 54-239 Bahama

**Physonota** Boh. 54-90

16141. *alutacea* Boh. 54-191 Ven.-Mex.  
a. *cyrtodes* Boh. 54-192 L. Cal. Tex.  
42. *unipunctata* (Say) 23-434 Fla. Can. N. C.  
*helianthi* (Rand.) 38-30 [Mont. Ind.]  
a. *quinquepunctata* Walsh 69-4  
*septentrionalis* Boh. 62-245  
43. *?picticollis* Boh. 54-193 Guat. Ariz.

**Cassida** L. 58-362

16144. *nebulosa* L. 58-363 Sib. Eur.  
So. Cal. (N. Y. ?)  
45. *rubiginosa* Müll. 76-65 Eur. Can.  
*viridis* Scop. 63-37 nec L.  
46. *?panzeri* Weise 07-14 Eur. Tex.  
*?thoracica* Panz. 96-38 (nec Ill.)  
47. *flaveola* Thunb. 94-103 Eur. Que. Wis.  
Minn.

**Jonthonota** Spaeth 13-141

(Cassida auct. pars)

16148. *mexicana* (Champ.) 94-176 Mex. Ariz.  
49. *nigripes* (Oliv.) 90-384 N. J. Fla. Tex.  
Mich. Ind.  
a. *atripes* (Lec.) 59-28 Colo.  
b. *ellipsis* (Lec.) 59-28 Colo.  
c. *novemmaculata* (Mann.) 43-308 Cal.

**Gratiana** Spaeth 13-142

(Cassida auct. pars)

16150. *pallidula* (Boh.) 54-457 Mex. So. U. S.  
Ind.  
*texana* (Cr.) 73-78 Ga.-So. Cal.

**Orectis** Spaeth 01-346

(Cassida auct. pars)

16151. *callosa* (Boh.) 54-471 Tex. Fla. S. C.

**Chirida** Chap. 75-406

(Coptocycla auct. pars)

16152. *guttata* (Oliv.) 90-383 Mass. Mont.  
So. Am. Ind.  
*bohemani* Sp. 14-124 [Fla.]  
*cruciata* (Fab.) 75-90  
*signifera* (Herbst) 99-313  
a. *pennsylvanica* Sp. 14-124  
*trabeata* var. a (Boh.) 55-319  
*plicata* † Prov. 77-686 nec Boh.  
b. *lucidula* (Boh.) 55-321  
*trabeata* var. b. (Boh.) 55-320  
*immunda* (Boh.) 55-320  
c. *lecontei* (Cr.) 73-79 Ariz. N. Mex.  
53. *extensa* (Boh.) 55-261 Mex. Tex. Fla.

**Psolidonota** Boh. 55-81

(Coptocycla auct. pars)

16154. *leprosa* Boh. 55-86 C. Am. Tex.  
*?marmorata* (Champ.) 94-187

**Deloyala** Chev. 34-371 (nec Redt.)

(Coptocycla auct. pars)

16155. *clavata* (Fab.) 98-83 Ind. Mass.-  
Ariz. Fla.

**Metrioria** Weise 96-13

(Coptocycla auct. pars)

16156. *bivittata* (Say) 27-295 Mass. Fla.  
*striolata* (Boh.) 54-444 [Ariz. Ind.]  
*vittula* (Boh.) 54-445  
57. *bicolor* (Fab.) 98-83 Conn. Ind. Fla.  
*aurichalcea* (Fab.) 01-397 (So. Cal. ?)  
*bistripunctata* (Herbst) 99-275  
*?marylandica* (Herbst) 99-274  
*pallida* (Herbst) 99-262  
*?bisignata* (Boh.) 55-119 N. Am. ?  
a. *aurisplendens* (Mann.) 43-307  
58. *emarginata* (Boh.) 55-298 Mex. Ariz.  
*arizonæ* (Cr.) 73-78 Ariz.  
59. *purpurata* (Boh.) 55-300 Ind. Me.-  
Mont. Fla. Tex.  
60. *profligata* (Boh.) 62-446 Mex. Ariz.

**Coptocycla** Boh. 55-90

16161. *?repudiata* Suffr. 68-249 Cuba, Fla.

**Ctenochira** Chap. 75-409

(Coptocycla auct. pars)

16162. *bonvouloiri* (Boh.) 62-417 Mex. L. Cal.  
Tex.

## MYLABRIDÆ

(= Bruchidæ) Mylabroidea Pierce 16-462

Horn 73, 85; Schaeffer 07; Fall 10, 12; Pic 13

**Pachymerus** Thunb. 05-282

(Caryoborus Schön. 33-92)

16163. *gleditsiæ* (L.) 67-605 Cuba, N. Am.  
*arthriticus* (Fab.) 01-398 Tex. Fla.  
64. *veseyi* (Horn) 73-312 L. Cal.

**Mylabris** Müll. 64-14

(Bruchus L. 67-604)

(Laria Scop. 63-21)  
(Acanthoscelides Schil. 05-C)  
(Bruchidius Schil. 05-B)



**Mylabris Müll.***(Callosobruchus* Pic 02-6)*(Pachybruchus* Pic 12-92)

## I.

16165. pisorum (L.) 58-356 Cosmop.Ind.  
So. Cal.  
Atl.-Pac.  
pisi L. 67-604  
cruciger Geoffr. 85-112  
salicis (Scop.) 63-22  
66. rufimanus Boh. 33-58. Cosmop.N.J.  
fabæ Mots. 54-6  
?granarius Marsh. 02-235

## II.

*(Pseudopachymerus* Pic 13-10)

67. mimus Say 31-2 M.St.Kan.  
borealis Schön. 39-132 [Tex. Ind.  
cratægi Fähr. 39-119  
murinus Schön. 39-132  
68. arizonensis Schffr. 04-229 Ariz.  
69. gibbithorax Schffr. 04-230 Ariz.Ut.Cal.  
70. texanus Schffr. 04-231 Tex.

## III.

71. chinensis (L.) 58-386 Cosmop.D.C.  
Va.  
adustus Mots. 73-228 La.Ga.Fla.-  
Miss.  
pectinicornis L. 67-605 ♂ Tenn.Tex.  
rufus DeG. 75-281 ♀ [So.Am.  
scutellaris Fab. 92-372 ♀  
?biguttellus Schön. 33-42  
72. quadrimaculatus Fab. 92-371  
So.St.D.C.  
N.J. Conn.  
Tex.Fla.W.I.  
So.Eur.Africa  
?sinuatus Schön. 39-8  
?maculatus Fab. 75-65  
73. ambiguus Schön. 39-11 La.

IV. (= *Pachybruchus*?)

74. coryphæ Oliv. 95-16 Ga.Tex.Fla.  
75. discoideus Say 23-307 N.J. Man.  
Colo.  
76. leucosomus Sharp 85-488 Mex.L.Cal.  
77. impiger Horn 73-321 Tex.Ariz.So.  
ramicornis || Boh. 58-112 [Cal.  
a. ?cubiculus Csy. 84-183 Ariz.  
78. arenarius Wolc. 12-162 Ill.  
79. serratifemur Schffr. 07-294 So.Ariz.  
80. crenatus Schffr. 09-385 So.Ariz.

## V.

81. ulkei Horn 73-324 Ariz.  
82. bivulneratus Horn 73-324 N.J.-Kan.  
abbreviatus Dohrn 79-187 [Ariz. Ind.  
83. auctus Fall 10-166 So.Ariz.  
84. discopterus Fall 10-167 So.Cal.  
85. depressus Fall 12-321 Fla.  
86. discolor Horn 73-324 Tex.-Ariz.  
87. limbatus Horn 73-324 Tex.Ariz.  
L.Cal.So.Cal.  
88. cruentatus Horn 73-324 N.Y.Dak.Tex.  
Fla.  
89. simulans Schffr. 07-296 So.Ariz.  
90. nigrinus Horn 73-324 M.St.Conn.  
N.Y.  
91. pruininus Horn 73-324 Tex.Ariz.  
So.Cal.  
92. pythonicus Pic 13-43 So.Ariz.  
pygidialis || Schffr. 07-297

**Mylabris Müll.**

16193. sordidus Horn 73-317 Tex.-L.Cal.

94. subæneus Schffr. 07-298 So.Cal.

Tex.

## VI. VII.

95. protractus Horn 73-330 Ariz.Tex.-  
L.Cal.So.Cal.  
96. amicus Horn 73-331 Tex. Ariz.  
97. sallei Sharp 85-475 Mex. Tex.  
98. uniformis Lec. 58-77 Tex.L.Cal.  
desertorum Lec. 58-78 Tex.L.Cal.  
prosopis Lec. 58-77 So.Cal.Tex.  
L.Cal.Ariz.  
99. prosopoides Schffr. 07-299 Tex.  
16200. bisignatus Horn 73-330 Ariz. Kan.  
N.Mex.  
01. macrophthalmus Schffr. 07-300  
Tex.  
02. speciosus Schffr. 07-301 So.Ariz.  
03. pectoralis Horn 73-330 Tex. Ind.  
04. ochraceus || Schffr. 07-303 Tex.  
05. floridæ Horn 73-332 Fla.  
06. innotatus Pic 12-92 M. St.  
inornatus || Horn 73-330  
07. griseolus Fall 10-175 S.E.Cal.  
08. collusus Fall 10-176 So.Cal.  
09. perplexus Fall 10-177 N.Mex. S.Cal.  
10. obsoletus Say 31-2 Ind.D.C.  
distinguendus Horn 73-331  
Fla. Ga. Ala.  
Ind.  
11. longistilus Horn 73-331 Ind. Mass.-  
Tenn. Fla.  
12. pugiunculus Fall 10-178 So.Ariz.  
13. biustulus Fall 10-178 So.Ariz.  
14. pulloides Fall 10-179 N.Mex.  
15. pauperculus Lec. 57-52 So.Cal. Ariz.  
aureolus Horn 73-328 Ariz. W.U.S.  
So.Cal.  
16. pullus Fall 10-180 Cal.  
17. brunncostictus Fall 12-322 Cal.  
18. alboscuteallatus Horn 73-331  
N.J. Fla. La.  
Utah [Ind.  
19. mixtus Horn 73-331 Cal.  
20. inquisitus Fall 10-180 Cosmop. Ind.  
21. obtectus Say 31-1 [So.Cal.  
fabæ Riley 71-52  
breweri Cr. 67-389  
irrcsectus Fähr. 39-18  
pallidipes Fähr. 39-91  
subellepticus Woll. 54-420  
obsoletus ‡ auct. nec Say  
?varicornis Mots. 73-239  
22. hibisci Oliv. 95-21 E.U.S. Ind.  
transversus Say 31-3  
23. rufo vittatus Schffr. 07-303 Ariz.  
24. schrankiæ Horn 73-331 Mo.  
25. chiricahuæ Fall 10-181 So.Ariz.  
26. æqualis Sharp 85-481 Tex.  
27. perforatus Horn 73-331 Kan.Can.Ariz.  
28. lobatus Fall 10-182 N.Mex.  
29. subserripes Fall 10-183 W.Tex.  
30. fumatus Schffr. 07-302 So.Ariz.  
31. calvus Horn 73-331 Ind. Mass.  
Tenn.  
32. fraterculus Horn 73-331 Ind. Cal.  
VIII  
33. horni Pic 12-92 Fla.-So.Cal.  
exiguus || Horn 73-341 [Ind.

**Mylabris** Müll.

16234. *schaefferi* Pic 12-92 Tex.  
       *rufescens* || Schffr. 07-304  
 35. *placidus* Horn 73-341 Tex. Ariz.  
 36. *musculus* Say 31-3 Ind. Mass. Ga.  
       Mich. Fla.

## VIII A

37. *julianus* Horn 94-410 L. Cal. Tex.  
       *ochreolineatus* Fall 10-186 Ariz.  
 38. *quadridentatus* Schffr. 07-304 Tex.  
 39. *major* Fall 12-321 Tex.

## IX

40. *macrocerus* Horn 73-342 N. J. D. C.  
       Tenn. Ind.  
 41. *compressicornis* Schffr. 07-305 Tex.  
 42. *flavicornis* Sharp 85-480 Tex. L. Cal.  
 43. *seminulum* Horn 73-342 Fla. Kan. Ind.  
       So. Cal. Ariz.  
 44. *atomus* Fall 10-188 Mass. N. Y.  
 44½. *lentis* Froel. 99-57 †Eur. &  
       (N. Am.)  
 — *abutilonis* Mots. 73-232 N. Am.  
 — *alboguttis* Mots. 73-215 N. Am.  
 — *californicus* Boh. 58-114 N. Am.  
 — *conspersus* Mots. 73-224 N. Am.  
 — *corallipes* Mots. 73-232 N. Am.

**Mylabris** Müll.

- *nictitans* Mots. 73-241 N. Am.  
 — *pallidipennis* Mots. 73-210 N. Am.  
 — *pulicarius* Mots. 73-233 N. Am.  
 — *rufus* Mots. 73-223 N. Am.  
 — *simplex* Mots. 73-220 N. Am.

**Spermophagus** Schön. 33-102

16245. *eustrophoides* Schffr. 05-228 Fla.  
 46. *hoffmannseggii* Gyll. 33-105 E. U. S. Ind.  
       *robiniae* || (Oliv.) 95-7  
 — *robiniae* Fab. 81-75 So. Russia  
 47. *vitis* Schffr. 07-293 Ariz.

**Zabrotes** Horn 85-156

16248. *cruciger* Horn 85-157 Colo.  
 49. *spectabilis* Horn 85-157 Ariz. Nev.  
       So. Cal.  
 50. *obliteratus* Horn 85-158 Ariz. Fla.?  
       D. C.  
 51. *subnitens* Horn 85-158 Ga. D. C. N. J.  
 52. *densus* Horn 85-158 Cal. [Conn.  
 53. *planifrons* Horn 85-158 Ariz.  
 54. *pectoralis* Sharp 85-492 Mex. Tex.  
 55. *semicinctus* Horn 94-411 L. Cal.

## BRENTOIDEA

Pierce 16-462

## BRENTIDÆ

Horn 72; Schönfeldt 10; Schaeffer 15; Blatchley &amp; Leng 16

**Eupsalis** Lacord. 66-430

16256. *minuta* Drury 70-95 E. N. Am.  
       *brunnea* Panz. 00-44 Va.  
       *maxillosa* Oliv. 89-443 N. Am.  
       *septentrionis* Herbst 97-183  
       a. *lecontei* Pow. 78-494 N. Y. Wis. Ill.  
       b. *sallei* Pow. 78-494 Va. Fla. Tex.  
       c. *pauperculus* Blatch. 16-21 Ind.

**Vasseletia** Sharp 95-32

16257. *vasseleti* Boh. 40-498 L. Cal. Mex.

**Trachelizus** Schön. 40-489

16258. *uncimanus* Boh. 39-496 Fla. Cuba

**Heterobrenthus** Sharp 95-42

16259. *texanus* Schffr. 15-51 Tex.

**Brentus** Fab. 87-95

(Brenthus † auct.)

16260. *peninsularis* Horn 75-128 L. Cal.  
 61. *anchorago* (L.) 58-383 L. Cal. Fla.  
       *canaliculatus* Oliv. 89-191  
       *hastilis* Pall. 81-25  
       *longicollis* DeG. 78-273  
       *peregrinus* Herbst 02-190  
       *lucanus* Horn 75-129 Cal.

## CURCULIONOIDEA

## PLATYSTOMIDÆ Pierce 16-463

(Anthribidæ)

Leconte 76; Schaeffer 04, 06; Blatchley &amp; Leng 16; Bovie 05; Jordan 07

## TROPIDERINI

**Ischnocerus** Schön. 39-191

16262. *infuscatus* Fähr. 39-192 D. C. Fla. Tex.

**Ormiscus** Waterh. 45-37

(Hormiscus † auct.)

16263. *saltator* Lec. 76-397 Can. Fla. Ill.

**Gonops** Lec. 76-398

16264. *fissunguis* Lec. 76-398 Tex. So. Cal.

**Toxotropis** Lec. 76-397

16265. *pusillus* Lec. 76-398 N. J. Fla. Tex.  
 66. *fasciatus* Lec. 84-32 Mass. D. C.

† Introduced occasionally in lentils.

[Tex.]

**Toxotropis** Lec.

16267. sextuberculatus Schffr. 04-269 Fla.  
 68. submetallicus Schffr. 04-234 Tex. O.  
 69. floridanus Leng 16-28 Fla.  
 70. approximatus Lec. 76-398 So. Cal.  
 71. irroratus Schffr. 04-233 Tex.  
 72. eusphyroides Schffr. 06-270 Tex.  
 73. quercus Schffr. 06-270 Ariz.  
 74. albofasciatus Schffr. 06-271 Tex.

**Eusphyrus** Lec. 76-399

16275. walshi Lec. 76-399 Can. Fla. Ia.  
 76. rectus Schffr. 06-271 Tex.  
 77. arizonensis Schffr. 06-272 Ariz.

**Gonotropis** Lec. 76-393

16278. gibbosus Lec. 76-394 H.B.T. Colo. Me.

**Eurymycter** Lec. 76-394

16279. fasciatus (Oliv.) 95-9 N. Eng. Fla. Vanc. Tex.

**Phanosolena** Schffr. 04-234

16280. arizonica Schffr. 06-269 Ariz.  
 81. nigrotuberculata Schffr. 04-235 Tex.

**Tropideres** Schön. 26-35

16282. bimaculatus (Oliv.) 95-14 N. Eng. S.C. Wis.  
 4-notatus Say 27-249  
 83. rectus Lec. 76-395 N.J. Fla. O.

**Allandrus** Lec. 76-396

16284. bifasciatus Lec. 76-396 Can. Id. N.J. Utah

**Griburiosoma** Schffr. 06-272

16285. platanum Schffr. 06-273 Ariz.

## ANTHRIBINI

**Phænicobiella** Ckll. 06-254

- (*Phænicobius* || Lec. 76-400)  
 16286. chamæropis Lec. 76-400 Ga. Fla.  
 87. schwarzi Schffr. 06-273 Tex.

**Piezocorynus** Schön. 39-250

16288. dispar Gyll. 33-140 W.N.Y.-Tex.  
 89. virginicus Leng 18-11 Va.  
 90. mixtus Lec. 76-402 N.J. Fla. Ind.  
 91. moestus Lec. 24-172 N.J. Fla.  
 92. tessellatus Schffr. 06-274 Ariz.

**Anthribus** Geoffr. 62-306

16293. cornutus Say 31-4 Can. Fla. Tex.  
 coronatus Schön. 33-141 [Mo.  
 94. lividus Lec. 76-403 N.C. Fla.  
 95. vagus Horn 94-448 L. Cal.  
 96. bipunctatus Schffr. 04-235 Tex.  
 97. penicellatus Schffr. 04-236 Tex.

**Toxonotus** Lec. 66-575

16298. fascicularis (Schön.) 33-132 Fla. Cuba

**Euparius** Schön. 33-137

- (*Cratoparis* Schön. 39-217)  
 16299. marmoreus (Oliv.) 95-12 Can. Fla. Tex.  
 lunatus (Fab.) 01-409 [Ia.  
 paganus Gyll. 33-142

**Euparius** Schön.

16300. lugubris (Oliv.) 95-13 D.C. Fla. Tex. Ark.  
 01. subtesselatus Schffr. 06-274 Ariz.

**Aræoderes** Schffr. 06-275

16302. texanus Schffr. 06-276 Tex.

**Brachytarsus** Schön. 26-35

16303. alternatus (Say) 27-250 Can. Fla. Tex.  
 04. sticticus Boh. 33-172 [Ia.  
 variegatus (Say) 27-251 Can. Fla. Ia.  
 obsoletus Schön. 39-167  
 05. tomentosus (Say) 26-251 N. Eng. Fla.  
 brevis Schön. 39-168 [Ind.  
 06. paululus Csy. 84-194 Del. N.C. Ind.  
 07. limbatus (Say) 26-250 Pa. Fla. Ill.  
 08. plumbeus Lec. 76-406 N.J. M. St.  
 09. vestitus Lec. 76-406 La. Miss.  
 10. griseus Lec. 76-405 Colo.  
 11. beyeri Schffr. 06-277 L. Cal.  
 12. ornatus Schffr. 06-276 Utah  
 13. riddelliae Schffr. 06-277 Ariz.  
 14. nigromaculatus Schffr. 06-277 Ariz.

**Anthribulus** Lec. 76-406

16315. rotundatus Lec. 76-407 Mass. Fla. La.

## ARÆOCERINI

**Aræcerus** Schön. 26-40

16316. fasciculatus (DeG.) 75-276 Cosmop. Fla.  
 coffeæ (Fab.) 01-411 [N.Y. Or.

**Choragus** Kby. 18-447

16317. sayi Lec. 76-408 N.J.D.C. Ohio

**Choragus** Kby.

16318. zimmermanni Lec. 76-408 N. Eng.-Fla. Mich.  
 19. harrisi Lec. 78-626  
 (*Holostilpna* Jordan 07-382)  
 20. nitens Lec. 84-32 Mass. D.C.

## XENORCHESTINI

**Xenorchestes** Woll. 54-417

16321. americanus Mots. 73-251 Ala. Fla. Tex.

**Euxenus** Lec. 76-409

16322. punctatus Lec. 76-409 Can. Mich.  
 23. piceus Lec. 78-434 Fla. [D.C.



## BELIDÆ

## ITHYCKERINÆ

**Ithycerus** Schön. 26-55

16324. noveboracensis (Forst.) 71-35

Can.-Ga.-Tex.

## CURCULIONIDÆ

Blatchley &amp; Leng 16

## RHINOMACERINÆ

(Doydirhynchoidea<sup>1</sup> Pierce 16-463) Pierce 09**Rhinomacer** Fab. 87-123

16325. pilosus Lec. 76-2

26. elongatus Lec. 76-2

27. pallipennis Blatch. 16-51

28. comptus Lec. 76-2

Can.Fla.Miss.  
(Cal.?)

Can.Ala.Miss.

Can. N.J.

Cal.Colo.

Wash.

**Rhinomacer** Fab.

16329. bombifrons Lec. 76-412 B.C.

**Diodyrhynchus**<sup>1</sup> Schön. 34-240

16330. byturoides Lec. 80-215 Cal. Or

## RHYNCHITINÆ

Pierce 13

(Attelaboidea Pierce 16-464 = Apionidæ, Belidæ, Attelabidæ, Tachygonidæ, Pterocolidæ, Oxyrhynchidæ)

## AULETINI

**Auletus** Schön. 26-46

16331. ater Lec. 76-4

32. nasalis Lec. 76-412

33. rufipennis Pierce 09-327

34. viridis Pierce 09-327

35. laticollis Csy. 88-233

Can.Md.Ill.

So.Cal. [Mo.]

So.Cal.

No.Cal. Colo.

So.Cal.

**Auletus** Schön.

16336. congruus (Walk.) 66-331 Wy. Colo. Id.

subcæruleus Lec. 76-4 Neb.

37. cassandræ Lec. 76-5 Ga. Fla.

38. albovestita Blatch. 16-54 N.Eng. N.C.

## RHYNCHITINI

**Deporaus** Leach 19-201

(Platyrhynchus || Thunb. 15-123)

16339. glastinus Lec. 57-52

Colo.Ariz.

So.Cal.Wash.

**Eugnamptus** Schön. 39-339

16340. striatus Lec. 76-5

41. puncticeps Lec. 76-6

42. nigriventris Schffr. 05-178

a. pallidus Schffr. 08-213

43. collaris (Fab.) 01-410

a. nigripes (Melsh.) Pierce 13-367 [Kan.]

Mass.-Tex.

b. fuscipes Pierce 13-367

44. ruficeps Pierce 13-367

45. sulcifrons Gyll. 39-343

46. punctatus Pierce 13-367

a. niger Pierce 13-367

47. angustatus Hbst. 97-140

a. testaceus Pierce 13-367

Fla.

Ill.Ga.Md.

Fla. Kan.

Ariz.

Tex. Ariz.

Mass. Fla.

[Kan.]

Mass.-Tex.

Tex.

S.C.Ala.Tex.

Ariz. [Ind.?

Ariz.

Can.-Tex.

Tex.

**Rhynchites** Hbst.

c. piceus Pierce 13-370 Or.

d. viridilustrans Pierce 13-370

Ariz.

e. cockerelli Pierce 13-370 Cal. N.Dak.

(Rhynchites s. str.)

16349. velatus Lec. 80-216

50. palmi Schffr. 05-138

51. æneus Boh. 29-22

52. mexicanus Gyll. 33-227

53. eximius Lec. 76-413

54. hirtus Fab. 01-421

55. naso Csy. 84-190

56. planifrons Lec. 76-8

57. aureus Lec. 76-8

58. fossifrons Lec. 76-8

59. cyanellus Lec. 76-8

60. æratoides Fall 01-260

61. æratus Say 31-5

62. perplexus Blatch. 16-95

63. elusus Blatch. 16-96

64. macrophthalmus Schffr. 08-214

Cal.

Ariz.

Can. Fla. Or.

Mex.Tex.Ariz.

Colo. Ariz.

Mass. Fla.

Mich.

So.Cal.

L.Cal.

So.Cal.Or.

Cal. [Colo.]

Nfld.N.H.

Colo.

So.Cal.

Can.-Fla. Mo.

Mass.Ga.Ind.

Fla.

Tex.Colo.Ariz.

Cal.?

S.C.

**Rhynchites** Hbst. 97-123

(Merhynchites Sharp 89-57)

16348. bicolor Fab. 98-388

N.H.Ia.Utah

So.Cal.

a. ventralis Pierce 13-370

So.Dak.

b. wickhami Ckll. 12-82

B.C.-M.Mex.

— humeralis Boh. 59-117

— nigripennis Fab. 01-410

<sup>1</sup> This name was spelled in three ways by Schönherr — Diodyrhynchus is preferred, being the first.

## ATTELABINÆ

**Attelabus** L. 67-619

(Homæolabus Jek. 60-186)

16365. analis Ill. 05-616 Can. Fla. Tex.

a. similis Kby. 37-204

(Synolabus Jek. 60-186)

66. nigripes Lec. 24-171 Mass. Fla.  
Colo.**Attelabus** L.

16367. bipustulatus Fab. 01-418 Can. Fla. Mo.

68. genalis Lec. 76-11 N.Mex.

69. rhois Boh. 29-21 N.S.Neb.Ariz.

pubescens Say 27-252

a. maculatus Prov. 77-521 Can.

## PTEROCOLINÆ

**Pterocolus** Schön. 33-238

16370. ovatus (Fab.) 01-426 Can. Fla. Mo.

## CYLADINÆ

Wagner 10

**Cylas** Latr. 02-196

16371. formicarius (Fab.) 98-174 India

a. elegantulus (Summers) 75-? † Fla. La. Tex.

## APIONINÆ

Smith 84; Fall 98, 18; Wagner 10

**Apion** Hbst. 97-100

## I.

16372. erraticum Sm. 84-44 Tex.  
estriatum Sm. 85-47 ♀  
73. impeditum Fall 98-113 N.Y. D.C.  
74. quadricolle Fall 98-113 Miss.  
75. protensum Lec. 57-53 Cal.  
76. impunctistriatum Sm. 84-48 Pa.O.Ill.Tex.  
77. coracellum Fall 98-115 D.C.  
78. anceps Fall 98-115 Ill.  
79. atripes Sm. 84-49 D.C.Va.Ga.  
80. finitimum Fall 98-116 Mass.D.C.  
81. virile Fall 98-117 Colo. [Mich.  
82. melanarium Gerst. 54-261 Can.D.C.Tex.  
83. floridanum Sm. 84-49 Fla.  
84. robustum Sm. 84-45 Mich. Tex.  
obesum Sm. 84-49 ♀  
85. obsoletum Sm. 84-44 Mich. Mo.  
ovale Sm. 84-47 ♀ [Dak.  
86. clipticum Sm. 84-51 La.Neb.Tex.  
87. desolatum Sm. 84-48 Ga. Fla.  
88. sinuirostrum Fall 98-121 Fla.  
89. molestum Fall 98-121 Ill.  
90. minutum Sm. 84-50 Ga. Fla.  
parvulum Sm. 84-49  
91. texanum Sm. 84-51 Tex.  
92. pennsylvanicum Boh. 39-417 Fla.N.Eng.  
erythrocerum Sm. 84-44 [So.Cal.  
93. funereum Fall 98-123 Cal. Wash.  
94. occidentale Fall 98-123 Kan.Cal.Ariz.  
95. hesperum Fall 98-124 So.Cal.

## II.

96. perminutum Sm. 84-59 Mass. Fla. Tex.  
97. reclusum Fall 98-126 N.J. D.C.  
98. punctinatum Sm. 84-46 Nev.Wy.B.C.  
99. pulchrum Blatch. 16-74 Ind.  
16400. curticorne Fall 98-127 Tex.  
01. sordidum Sm. 84-48 Ut.-So.Cal.  
vespertinum Csy. 84-67 [Ariz.  
a. californicum Sm. 84-52 So.Cal.

**Apion** Hbst.

16402. tenuiforme Fall 98-129 Fla.  
03. acrophilum Fall 98-129 Colo.  
04. antennatum Sm. 84-53 Vanc.-So.Cal.  
Nev.  
05. ædorhynchum Lec. 58-78 So.Cal. Ariz.  
Mont.  
III.  
06. opacicolle Sm. 84-50 So.Cal.-Wash.  
07. coxale Fall 98-134 D.C. N.C.  
L.Cal.  
08. tenuirostrum Sm. 84-62 Tex.-Mont.  
09. smithi Wagner 09-767 D.C.  
æneipenne || Sm. 84-61  
10. impexum Fall 98-136 L.Cal.  
11. metallicum Gerst. 54-243 N.C. Fla. Tex.  
12. troglodytes Mann. 43-289 Cal. So.Cal.  
13. propinquicorne Fall 98-138 Tex.  
14. modestum Sm. 84-58 Ill.-Colo. Ariz.  
15. albidulum Fall 18-219 Cal.  
16. subinctum Fall 98-138 Tex. L.Cal.  
17. pervicax Fall 98-139 Fla.  
18. gularc Fall 98-140 Fla.  
19. proclive Lec. 57-53 Ariz. Colo.-Or  
So.Cal.  
nunenmacheri Wagn. 12-97  
20. chuparosæ Fall 98-141 L.Cal.  
21. grossulum Fall 98-141 Ariz.(?)  
22. patrule Sm. 84-64 N.Eng. Fla.  
Tex.  
23. walshi Sm. 84-57 N.H.D.C.Cal.  
lanuginosum || Walsh 67-269 [Ariz.  
vicinum Sm. 84-58  
24. abdominale Sm. 84-53 Ariz. Cal.  
25. perforicolle Fall 98-144 N.J. Ga.  
26. novellum Fall 98-144 D.C. Md.  
27. nebraskense Fall 98-145 Neb.  
28. minor Sm. 84-56 L.Cal.  
29. turbulentum Sm. 84-56 N.Y. D.C.  
Tex.  
30. importunum Fall 98-146 Ga. Fla.  
31. griseum Sm. 84-59 N.Y. Fla.  
fraternum Sm. 84-60 [Ariz.

† Introduced.

**Apion** Hbst.

16432. *eccentricum* Fall 18-220 Ariz.  
 33. *brunnicornis* Fall 18-221 Ariz.  
 34. *dolosum* Fall 98-148 Ariz.  
 35. *æquabile* Fall 98-148 Ariz. L.Cal.  
 36. *carinirostrum* Fall 98-148 Ariz.  
 37. *peninsulare* Fall 98-149 L.Cal.  
 38. *porosicolle* Gemm. 71-122 Or. S.Cal. Ut.  
     *cribricolle* || Lec. 57-53  
     *brevicolle* Sm. 84-53  
 39. *porcatum* Boh. 39-374 Mass.Va. Tex.  
 40. *centrale* Fall 98-151 Colo.-H.B.T.  
 41. *rostrum* Say 27-253 N.H.-Fla. Tex.  
     *sayi* Gyll. 33-252  
     *scrobicolle* Gyll. 39-374  
 42. *coloradense* Fall 98-152 Colo.  
 43. *nigrum* Hbst. 97-122 N.H. D.C.  
     Kan.  
 44. *cordatum* Sm. 84-54 Wash. So.Cal.  
 45. *oblitum* Sm. 84-54 Tex.Colo.Neb.  
     *capitatum* Sm. 84-54  
 46. *furtivum* Fall 98-154 Ga.  
 47. *commodum* Fall 98-154 Mont.  
 48. *confertum* Sm. 84-63 Fla.  
     IV.  
 49. *auripes* Fall 98-157 Fla.  
 50. *cavifrons* Lec. 57-53 B.C.-So.Cal.  
 51. *huron* Fall 98-159 Mich. Ill.  
 52. *varicorne* Sm. 84-60 Ariz. Ga. Fla.-  
     So.Cal.H.B.T.  
 53. *alternatum* Fall 98-160 N.Mex.  
 54. *contusum* Sm. 84-61 Dak.  
 55. *nasutum* Fall 98-161 Tex. N.Mex.  
 56. *disparatum* Sharp 90-75 Ariz.  
 57. *segnipes* Say 31-6 Mass. Fla.  
     *cinereum* Gerst. 54-250 [Kan.  
 58. *arizonæ* Fall 98-162 Ariz.  
 59. *fumitarse* Fall 98-162 Tex.  
 60. *filum* Fall 98-163 L.Cal.  
 61. *ventricosum* Lec. 58-78 So.Cal. Colo.  
     Tex. L.Cal.  
     typicum Sm. 84-53 [Ariz.

**Apion** Hbst.

16462. *haplopus* Wagn. 12-99 Ariz.  
 63. *eriogoni* Fall 18-221 Ariz.  
 64. *frontellum* Fall 18-221 Tex.  
 65. *subornatum* Fall 98-164 Tex.  
 66. *dilatatum* Sm. 84-56 Ariz.  
 67. *crassum* Fall 98-165 Va.  
 68. *decoloratum* Sm. 84-52 Mass.-N.C.  
     Ariz.  
 69. *emaciipes* Fall 98-166 N.H. D.C.  
     Mich.  
 70. *elutipes* Fall 98-167 L.Cal.  
 71. *perlentum* Fall 18-222 So.Cal.  
 72. *carinatum* Sm. 84-52 Mass. Fla. La  
     *concoloratum* Sm. 84-52  
 73. *attenuatum* Sm. 84-62 Can. Tex.  
 74. *hibisci* Fall 18-219 N.J. [So.Cal.  
 75. *solutum* Fall 98-168 Tex. N.Mex.  
 76. *disparipes* Fall 98-169 N.Mex.  
 77. *spinipes* Fall 98-169 Ariz.  
 78. *graciliforme* Fall 98-170 Dak.  
 79. *extensum* Sm. 84-61 Dak.  
 80. *parallelum* Sm. 84-47 Mass. D.C.  
 81. *aculeatum* Fall 98-171 Tex. [Mich.  
 82. *persimile* Fall 98-172 S.C.  
 83. *fibulipes* Fall 98-172 L.Cal.  
 84. *falli* Wagner 09-767 Ariz.  
     *pyriforme* || Sm. 84-57  
 85. *lividum* Sm. 87-56 Fla.  
 86. *puritanum* Fall 98-174 Mass. D.C.  
 87. *umboniferum* Fall 98-174 Md. [Wis.  
 88. *herculanum* Sm. 84-56 Mass. W.Va.  
 89. *xanthoxyli* Fall 98-176 Tex. [Mich.  
     — *nodiostre* Gyll. 54-261 Fla.  
     — *vile* Gerst. 54-249 Md.  
     — *subglobosum* Gerst. 54-243 N.Am.  
     — *cuprascens* Mann. 43-289 Alas.  
     — *reconditum* Gyll. 39-432 Pa.

**Podapion** Riley 83-61

16490. *gallicola* Riley 83-61 Mass.-Cal.

**ALLOCORHYNINÆ****Allocorhynus** Sharp 90-46

16491. *slossoni* Schffr. 05-139 Fla.

**TACHYGONINÆ****Tachygonus** Schön. 33-311

16492. *lecontei* Gyll. 33-312 N.J.-Tex.  
 93. *spinipes* Csy. 97-680 N.J. N.Y.  
 94. *gracilipes* Csy. 97-680 Ind. O. D.C.  
 95. *fulvipes* Lec. 76-266 Ill.

**Tachygonus** Schön.

16496. *tardipes* Lec. 76-266 Tex.  
 97. *rhombus* Csy. 97-681 Ariz.  
 98. *centralis* Lec. 68-55 N.Mex.

**OTIORHYNCHINÆ**<sup>1</sup>

(*Brachyrhinidæ* Bedel 85; Pierce 13; *Psallidiidæ* Pierce 16-464)

**EREMNINI****Phyxelis** Schön. 43-122

16499. *rigidus* (Say) 31-12 Can.-Ga.-Ia.  
 16500. *latirostris* Blatch. 16-107 Ind.

**Phyxelis** Schön.

- *glomerosus* Boh. 43-123  
 — *setiferus* Boh. 43-124

<sup>1</sup> The correct name for this subfamily seems to depend upon the date when the earlier genera were validated under the rules of nomenclature. *Otiorhynchus* Germar 1824 is according to Pierce 1913 antedated by *Brachyrhinus* Latreille 1802; but in 1916 Pierce, considering apparently the valid date for Latreille's genus 1807, found *Psallidium* Illiger 1806 the earliest name, on which the family was based.

The genera are arranged in harmony with Pierce 13.



## OPHRYASTINI

(Entiminae Pierce 13-373)

**Sapotes** Csy. 88-241

16501. puncticollis Csy. 88-241 Tex.-Ariz.

**Eupagoderes** Horn 76-32

16502. speciosus (Lec.) 53-444 Tex.-Ariz.  
 03. nivosus Fall 10-190 Ariz.  
 04. marmoratus Fall 10-191 Ariz.  
 05. sordidus (Lec.) 53-445 Kan.-Ariz.  
 06. decipiens (Lec.) 53-445 Tex.-Ariz.  
 07. dunnianus Csy. 88-240 Tex.  
 08. lucanus Horn 76-34 L. Cal.  
 09. wickhami (Sharp) 91-88 Ariz. Utah  
 10. argentatus (Lec.) 53-444 Ariz. So. Cal.  
 11. desertus Horn 76-34 So. Cal. (Ariz.?)  
 12. mortivallis Fall 10-192 So. Cal.  
 13. geminatus Horn 76-35 So. Cal. Nev.  
 14. varius (Lec.) 53-444 Ariz. So. Cal.  
     plumbeus Horn 76-35 So. Cal. [Nev.  
 15. aridus Fall 10-192 So. Cal.  
 16. cretaceus Sharp 91-96 Ariz.

**Amydrogmus** Pierce 13-374

16517. variabilis Pierce 13-374 Tex.

**Ophryastes** Schön. 33-508

16518. vittatus (Say) 23-316 Kan. N. Mex. Ariz.  
 19. tuberosus Lec. 53-443 Colo. N. Mex.  
 20. shufeldti Csy. 88-238 N. Mex.  
 21. sulcipennis Csy. 88-239 N. Mex.  
 22. latirostris Lec. 53-443 Kan. N. Mex.  
     validus Lec. 54-225 ♀ Ut. Ariz.  
 23. sulcirostris (Say) 23-316 Ariz.  
     ligatus Lec. 53-443 Kan. Colo. Ut.  
 24. porosus Lec. 45-225 Tex. Ariz.  
 25. ovipennis Sharp 91-90 Tex.  
     bituberosus † Pierce 09-344 Tex. N. Mex.  
 26. collaris Champ. 11-318 Tex. Mex.  
 27. symmetricus Fall 07-260 N. Mex.

**Tosastes** Sharp 91-91

16528. globularis Pierce 09-344 N. Mex.  
 29. ovalis Pierce 09-345 Tex.  
 30. cinerascens Pierce 13-376 Wash.

**Rhigopsis** Lec. 74-459

16531. effracta Lec. 74-459 Cal. So. Cal.  
     scutellata Csy. 88-242 So. Cal.  
 32. simplex Horn 94-442 L. Cal.

## TROPIPHORINI

**Cimbocera** Horn 76-55

16533. pauper Horn 76-56 Dak. Wy. Mont.  
     a. sericea Pierce 13-379 Utah, Mont. Colo.  
     b. conspersa Fall 07-261 N. Mex. Ariz.

**Miloderes** Csy. 88-252

16534. setosus Csy. 88-253 Cal.  
 35. viridis Pierce 09-348 Ariz.

**Dichoxenus** Horn 76-39

16536. setiger Horn 76-40 Tex.

**Orimodema** Horn 76-43

16537. protracta Horn 76-44 Colo. N. Mex. Ariz. So. Cal.

**Amotus** Csy. 88-243

(*Mimetes* † Horn 76-44 nec Lacord.)  
 16538. seniculus Horn 76-45 Cal. (?)  
 39. longisternus Csy. 88-244 So. Cal.  
 40. longipennis Pierce 09-348 Cal.  
 41. gracilior Csy. 88-245 So. Cal.  
     setulosus † Horn 76-45

**Diamimus** Horn 76-46

16542. subsericeus Horn 76-46 N. Mex. Colo. Wy. Mont. Ut. Ariz.

**Peritaxia** Horn 76-46

16543. rugicollis Horn 76-47 Colo. N. Mex. Ariz.  
 44. hispida Horn 76-47 Colo. Ariz.  
 45. perforata Csy. 88-245 Tex.  
 46. elongata Pierce 13-381 Tex.

**Anametis** Horn 76-43

16547. granulata (Say) 31-12 Nfld.-Wis.-Tex.  
     grisea Horn 76-43 Kan. Dak. Ill. (Ga.?)  
     a. subfusca Fall 07-261 N. Mex.

**Anametis** Horn

16548. setosus Blatch. 16-103 Ind. Mo.

**Melbonus** Csy. 95-820

16549. scapalis Csy. 95-821 Ariz.  
 50. denticulatus Pierce 09-350 Ariz.

**Melamomphus** Horn 76-40

(*Thricomigus* Horn 76-48)  
 16551. niger Horn 76-40 Nev.  
 52. elongatus (Horn) 76-53 Cal.  
 53. sordidus (Horn) 76-52 Cal.  
 54. deciduus (Horn) 76-52 Cal.  
 55. nigrescens Pierce 13-384 Wash.  
 56. luteus (Horn) 76-48 Mont. Wash.  
     ?tessellatus (Csy.) 88-249 Cal.  
 57. raucus (Horn) 76-51 Cal. Vanc.  
 58. alternatus (Horn) 76-52 Mont. Cal.  
     ?granulatus (Csy.) 88-248 No. Cal.  
 59. ciliatus Pierce 13-385 Cal.

**Dyslobus** Lec. 69-380

(*Amnesia* Horn 76-48 pars)  
 16560. tumidus (Csy.) 95-813 Cal.  
 61. granicollis (Lec.) 69-380 Or. Wash.  
     a. discors (Csy.) 95-814 Cal. [Vanc.  
     b. sculptilis (Csy.) 88-250 Cal.  
 62. bituberculatus Pierce 13-388 B. C.  
 63. denticulatus Pierce 13-388 No. Cal.  
 64. segnis (Lec.) 57-56 Cal. Or.  
 65. lecontei Csy. 95-811 No. Cal.-Wash.  
 66. verrucifer Csy. 95-812 Id. Vanc. B. C.  
 67. debilis (Csy.) 95-815 Or.  
 68. squamipunctatus (Pierce) 09-350 Cal.  
 69. decoratus (Lec.) 69-381 Or. Vanc.  
 70. ursinus (Horn) 76-51 Or.

**Adaleres** Csy. 95-816

16571. ovipennis Csy. 95-816 Cal. So. Cal.

**Adaleres** Csy.

16572. humeralis Csy. 95-818 So. Cal.

**Panscopus** Schön. 42-266( *Nocheles* Lec. 74-456)

16573. torpidus (Lec.) 57-55 Wash. Or.

( *Phymatinus* Lec. 69-382)

74. gemmatus (Lec.) 57-56 Cal. Or.

75. sulcirostris Pierce 13-392 Wash.

( *Panscopus* s. str.)

76. crinaccus (Say) 31-12 N.H. D.C.

W. Va.

77. alternatus Schffr. 08-214 N.C. Ga. W. Va.

78. maculosus Blatch. 16-105 Ind. N.Y.

**Panscopus** Schön.( *Panscopidius* Pierce 13-394)

16579. squamosus Pierce 13-394 Or.

80. dentipes Pierce 13-395 Wash.

( *Nomidus* Csy. 95-819)

81. abruptus Csy. 95-819 Cal. Utah

82. impressus Pierce 13-395 Va. Ind. O.

83. ovalis Pierce 13-396 Alberta

( *Neopansepops* Pierce 13-397)84. æqualis (Horn) 76-55 Kan.-B.C.  
Utah, Wash.

cinereus Horn 76-55

a. vestitus Csy. 88-251 Nev.

85. squamifrons Pierce 13-397 Cal.

86. carinatus Pierce 13-398 Mich.

## DIROTOGNATHINI

( *Dirotoognathinae* Pierce 13)**Dirotoognathus** Horn 76-79

16587. sordidus Horn 76-80 So. Cal. Ariz.

## PROMECOPINI

( *Promecopinae* Pierce 13)**Colecerus** Schön. 40-928( *Coleocerus* G. & H. 71-2374)( *Bathyrus* Lec. 74-461)

16588. dispar (Lec.) 74-462 Ariz.

89. marmoratus Horn 76-109 Tex. Ariz.

**Aracanthus** Schön. 40-822

16590. pallidus (Say) 31-9 Tex. Mo. Ia. O.

**Eudiagogus** Schön. 40-307

16591. pulcher Fähr. 40-310 Fla. Tex.

92. rosenschoeldi Fähr. 40-309 La.-Ala. Tex.

**Promecops** Schön. 26-135

— arcuata Fähr. 40-329 Brazil

nubifera var. Gyll. 34-167 Am. bor.?

## TANYMECINI

( *Tanymeeinae* Pierce 13)**Pachnæus** Schön. 26-121

16593. opalus (Oliv.) 95-339 Fla.

94. distans Horn 76-83 Fla.-N.J.

**Tanymecus** Germ. 17-341

16595. lacena (Hbst.) 97-35 Ga. Fla. Tex.

cancscens (Gyll.) 34-78 ♀

leucophæus (Gyll.) 34-85 ♂

96. confertus (Gyll.) 34-88 Atl.-Colo.

confusus (Say) 31-9

**Minyomerus** Horn 76-17

16597. innocuus Horn 76-18 Colo. Ariz.

**Minyomerus** Horn( *Pseudelissa* Csy. 88-273)

16598. languidus Horn 76-18 Ariz. So. Cal.

cinerea Csy. 88-273 Tex.

**Elissa** Csy. 88-271

16599. laticeps Csy. 88-272 Tex.

16600. constricta Csy. 88-272 Ariz. So. Cal.

**Hadromeropsis** Pierce 13-400( *Hadromerus* Schön. 34-125)

16601. opalinus Horn 76-85 Ariz.

## PANDELETEINI

Schaeffer 08; Pierce 13

**Isodacrys** Sharp 11-175

16602. ovipennis Schffr. 08-215 Tex.

**Polydacrys** Schön. 34-130

16603. depressifrons Boh. 40-298 Tex.

cavirostris Schffr. 08-214 Tex.

**Pandeleiteius** Schön. 34-129( *Pandeleiteius* Horn 76-86)( *Pandeleiteinus* Champ. 11-206)

16604. simplarius Fall 07-263 N. Mex.

**Pandeleiteius** Schön.

16605. hilaris (Hbst.) 97-58 Can.-Tex. Fla.

pauperculus Gyll. 34-130

06. dentipes Pierce 13-403 Tex.

07. depressus Pierce 13-403 Ariz.

08. cinereus Horn 76-87 Tex.

09. subtropicus Fall 07-263 Fla.

10. submetallicus Schffr. 08-216

Utah

11. robustus Schffr. 08-215 Tex. Ariz.

12. rotundicollis Fall 07-262 N. Mex.

## ALCEIDINI

( *Psallidiinae* Pierce 13)**Pactorrhinus** Ancy 81-485

16613. griseocens Ancy 81-485 Ariz.

## CYPHINI

**Compsus** Schön. 26-109  
16614. auricephalus (Say) 23-310 Ga.-Mex.Colo.  
auripes Schön. 40-183

**Cyphus** Germ. 24-427  
16615. lautus (Lec.) 54-85 Ariz. N.Mex.  
16. placidus Horn 76-90 Ariz.

**Pseudocyphus** Schffr. 05-179  
16617. flexicaulis Schffr. 05-179 Tex.

**Glaphyrometopus** Pierce 13-406  
16618. ornithodorus Pierce 13-407 Tex.

**Lachnopus** Schön. 40-380  
(*Ptilopus* || Schön. 26-120)  
16619. floridanus Horn 76-101 Fla.

**Evotus** Lec. 74-459  
16620. naso (Lec.) 57-56 Dak.Id.Or.  
Wash.

## POLYDRUSINI

**Polydrusus** Germ. 17-341  
(*Polydrosus* G. & H. 71-2211)  
(*Cyphomimus* Horn 76-105)  
16621. americanus Gyll. 34-136 Can.Md.Kan.  
dorsalis Horn 76-105 Mo.  
22. impressifrons Gyll. 34-140 †N.Y. Conn.  
23. sericeus Schall. 83-286 †Ind.  
24. peninsularis Horn 94-445 L.Cal.  
25. ochreus (Fall) 07-264 N.Mex.

**Scythropus** Schön. 26-140  
16626. elegans (Couper) 65-63 Can.Wash.Cal.  
metallicus Desb.

**Scythropus** Schön.  
16627. californicus Horn 76-107 Ariz.So.Cal.  
Or. Wash.  
28. ferrugineus Csy. 88-276 Cal. Or.  
29. crassicornis Csy. 88-277 N.Mex.  
30. lateralis Csy. 88-275 Cal.  
31. cinereus Csy. 88-277 Cal.  
32. albidus Fall 01-310 Cal. Or. Id.  
33. miscix Fall 01-310 Cal.Wash.  
Mont.

\*  
34. delicatulus Horn 94-444 L.Cal.

## BLOSyrINI

**Hormorus** Horn 76-23  
(*Chlorophanus* † Uhler)  
16635. undulatus (Uhler) 55-416 Can.Md.Ill.  
Wis.

**Agasphærops** Horn 76-24  
16636. nigra Horn 76-25 Cal.

## SCIAPHILINI

**Mitostylus** Horn 76-107  
(*Derosomus* Sharp 91-168)  
16637. tenuis Horn 76-107 Tex.  
38. gracilis Horn 94-444 L.Cal.  
39. setosus (Sharp) 91-168 Tex. Mex.

**Sciaphilus** Schön. 26-98  
16640. muricatus (Fab.) 01-544 Que.†Me.Vt.  
N.H. Mass.  
asperatus Bonsd. 85-34 Eur. N.S. N.J.

## THYLACITINI Pierce 13-411

(*Brachyderini* Horn)

**Strophosoma** Billberg 20-97  
16641. coryli (Fab.) 01-524 Eur.Can.N.H.  
N.J. N.Y. Mass.

**Thylacites** Germ. 17-339  
(*Brachyderes* Schön. 26-102)  
16642. incanus (L.) 58-385 Eur.& N.Am.  
Mo.

## EPICÆRINI

**Anomadus** Horn 76-21  
16643. obliquus Horn 76-21 L.Cal.

**Bradyrhyncoides** Pierce 13-412  
16644. constrictus Pierce 13-413 Tex.

**Graphorhinus** Say 31-8  
16645. vadosus Say 31-8 Kan.Tex.Colo.

**Epicærus** Schön. 34-323  
16646. imbricatus Say 24-317 N.J. D.C.Ga.  
Kan.Tex.Ariz.  
47. wickhami Pierce 13-414 N.Mex.Colo.  
48. lucanus Horn 94-441 L.Cal. [Ut.  
49. texanus Csy. 88-235 Tex.  
50. sulcatus Csy. 88-235 Colo.Ut.  
N.Mex. Tex.  
[Kan.

**Epicærus** Schön.  
16651. lepidotus Pierce 10-360 Tex.  
52. formidolosus Boh. 40-284 Ga.Fla.Ala.  
53. benjamini Pierce 13-415 Tex.  
54. mexicanus Boh. 34-324 Tex. Mex.

**Stamoderes** Csy. 88-236  
(*Mimetes* || Schön. 47-23)  
16655. scutulosus (Lacord.) 63-40 Cal.  
56. uniformis Csy. 88-237 Cal.

**Omileus** Horn 76-102  
16657. epicæroides Horn 76-102 Tex.

**Pantomorus** Schön. 40-942  
(*Aramigus* Horn 76-93)  
(*Liparus* † Say 24-318)

† Introduced.



**Pantomorus** Schön.

16658. *tesselatus* (Say) 24-318 So. Ill. Fla.-  
N. Mex.  
a. *pallidus* (Horn) 76-94 Kan. Tex.  
59. *fulleri* (Horn) 76-94 † Mass. N. J.-  
Mont. Cal.  
So. Cal.  
Hawaiian Is.  
olindæ Perkins 00-130  
(*Phacepholis* Horn 79-95)  
60. *elegans* (Horn) 76-96 Kan. Tex. Ariz.  
61. *viridis* (Champ.) 11-336 Tex.  
62. *nebraskensis* Pierce 13-418 Neb.  
63. *metallicus* Pierce 13-419 Kan.

**Pantomorus** Schön.

16664. *texanus* Pierce 13-419 Tex.  
65. *candidus* Horn 76-97 Colo. Kan. Ill.  
66. *pallidus* Pierce 10-363 Tex.  
67. *obscurus* Horn 76-96 Tex. Kan. Colo.

**Lepidocricus** Pierce 10-362

16668. *herricki* Pierce 10-362 Ala. Miss. Kan.  
Neb.

**Artipus** Sahlb. 23-22

16669. *floridanus* Horn 76-92 Fla.  
70. *texanus* Pierce 11-49 Tex.

## BARYNOTINI

**Barynotus** Germ. 17-341

16671. *schönherri* Zett. 40-187 Eur. & Nfld.  
N. S. Me. Mass.

**Barypeithes** Jacq. Duv. 55-13

16672. *pellucidus* (Boh.) 34-507 † N. Eng. N. Y.  
O. France

## TRIGONOScutINI

**Trigonoscuta** Mots. 52-79

16673. *pilosa* Mots. 52-79 Cal. So. Cal.

## CALYPTILLINI

**Calypstillus** Horn 76-27

16674. *cryptops* Horn 76-27 N. Mex.

## CELEUTHETINI

**Agraphus** Say 31-13

- (*Peritelus* † Say 31-13)  
16675. *bellicus* (Say) 31-13 N. J. Pa. Fla.  
*leucophœus* Gyll. 34-641

**Paragraphus** Blatch. 16-109

16676. *setosus* Blatch. 16-110 Fla.

## BRACHYRHININI Bedel

(*Brachyrhininae* Pierce 13-421) *Otiorynchini* auct.

**Brachyrhinus** Latr. 02-200

- (*Otiorynchus* Germ. 24-343)  
16677. *sulcatus* Fab. 98-155 Pa. Mass. Vanc.  
Eur. Nfld. N. S.  
Can. N. Y.  
78. *ovatus* (L.) 61-626 Eur. Can. Nfld.  
N. Eng. Wy.  
N. Mex.  
*lignus* † Horn 76-61 nec Oliv.  
N. S. Ia.  
79. *rugifrons* Gyll. 13-319 Eur. N. S. M. St.  
Que.-Va.  
80. *singularis* L. 67-1066 Eur. Mass. Que.  
81. *nodosus* O. Fab. 80-187 Iceland, Eur.  
*maurus* Gyll. 13-293 Greenland  
82. *monticola* Germ. 24-361 Greenland  
? *alpinus* Richter<sup>1</sup>  
? *arcticus* O. Fabr. 80-188 Lapland

**Brachyrhinus** Latr.

- *dubius* Ström<sup>1</sup> Greenland

**Sciopithes** Horn 76-62

16683. *obscurus* Horn 76-63 Cal. Or. Vanc.  
84. *significans* Csy. 88-255 Cal.  
85. *brumalis* Csy. 88-256 Cal.  
86. *arcuatus* Csy. 88-257 Cal.  
87. *angustulus* Csy. 88-257 Cal.  
88. *setosus* Csy. 88-258 Cal. So. Cal.

**Agronus** Horn 76-63

16689. *deciduus* Horn 76-64 Cal.  
90. *cinerarius* Horn 76-64 Cal.

**Neoptochus** Horn 76-64

- (*Ptochus* † Boh.)  
16691. *adpersus* (Boh.) 34-486 Fla.  
*tesselatus* (Boh.) 34-487

## TRACHYPHLÆINI

**Cercopeus** Schön. 43-154

16692. *chrysorhœus* (Say) 31-13 Mass.-Ga.  
93. *artemisizæ* Pierce 10-365 Mont. [Minn.]

**Panormus** Csy. 88-269

16695. *setosus* Csy. 88-270 Cal.

**Chætechus** Horn 76-77

16694. *setiger* Horn 76-78 Mass. N. S.

**Trachyphlæus** Germ. 17-339

16696. *asperatus* Boh. 44-116 Mass.  
97. *davisi* Blatch. 16-115 Staten Is.

## SIMOINI

**Paraptochus** Seidlitz 68-35

16698. *sellatus* (Boh.) 59-126 Cal. So. Cal.  
*californicus* Seidl. 68-35

**Stenoptochus** Csy. 88-259

16699. *inconstans* Csy. 88-260 Cal. So. Cal.

<sup>1</sup> Names cited in faunal lists.

† Introduced.

<b>Orthoptochus</b> Csy. 88-261		<b>Geodercodes</b> Csy. 88-265	
16700. squamiger Csy. 88-261	Cal.	16711. latipennis Csy. 88-266	Cal.
		12. hispidus Horn 94-442	L.Cal.
<b>Omius</b> Germ. 17-341		<b>Aragnomus</b> Horn 76-72	
( <i>Myllacus</i> Schön. 43-144)		16713. griseus Horn 76-72	Cal.
16701. saccatus (Lec.) 57-56	Cal. Or.	14. hispidulus Csy. 88-266	So.Cal.
<b>Thricolepis</b> Horn 76-68		<b>Dysticheus</b> Horn 76-73	
16702. inornata Horn 76-69	So.Cal.-Utah, Ariz.	16715. insignis Horn 76-73	So Cal.
03. simulator Horn 76-69	Cal. (So.Cal.?)	<b>Eucyllus</b> Horn 76-74	
04. seminuda Horn 94-443	L.Cal.	16716. vagans Horn 76-74	Ariz. So.Cal.
<b>Peritelopsis</b> Horn 76-70		<b>Thinoxenus</b> Horn 76-74	
16705. globiventris (Lec.) 57-56	Cal.	16717. squalens Horn 76-75	Cal.
<b>Peritelodes</b> Csy. 88-262		18. nevadensis Csy. 88-267	Nev.
16706. obtectus Csy. 88-262	Cal.	<b>Rhypodillus</b> Ckll. 06-243	
<b>Peritelinus</b> Csy. 88-263		( <i>Rhypodus</i>    Horn 76-75)	
16707. variegatus Csy. 88-263	Cal.	16719. dilatatus Horn 76-75	So.Cal.
		20. brevicollis Horn 76-76	Colo.
<b>Geoderces</b> Horn 76-70		<b>Aphrastus</b> Say 31-9	
16708. melanothrix (Kby.) 37-202	Can. N.Y.	16721. taeniatus Gyll. 34-460	M.&S.St.Mo.
09. incomptus Horn 76-72	Cal. Vanc.	22. unicolor Horn 76-99	Tex. [N.Eng.
10. puncticollis Csy. 88-264	Cal. So.Cal.	23. griseus Blatch. 16-127	Ind. Ga.

## EUSTYLINI

<b>Brachystylus</b> Schön. 45-433		<b>Achrastenus</b> Horn 76-97	
16724. acutus (Say) 24-310	N.Y.Pa.Ga. Ky.Mo.	16725. griseus Horn 76-98	Tex.

## PHYLLOBIINI

<b>Phyllobius</b> Germ. 24-447	
16726. glaucus Scop. 63-31	†Can.-Eur.
calcaratus (Fab.) 98-485	

## UNIDENTIFIED GENUS

<b>Leposoma</b> Mots. 45-105	
— californica Mots. 45-105	Cal.

## CURCULIONINÆ

(Curculionoidea Hopkins 11-11) Pierce 16-463

## SITONINI

Allard 64; Leconte 76; Casey 88; Wildermuth 10

<b>Sitona</b> Germ. 17-341		<b>Sitona</b> Germ.	
( <i>Sitones</i> † auct.)		h. osculans Csy. 88-290	No.Cal.
16727. flavescens Marsh. 02-311	Eur.Nfld.-Minn.Pa.Fla. Ia. O.Ind.Ill. Mich.N.Y. Can. N.S. Atl. St.	16732. prominens Csy. 88-291	So.Cal.
octopunctatus Fahr. 40-267	Eur. Sib.	a. hispidiceps Csy. 88-292	Ariz.
28. hispidulus (Fab.) 76-226	Can.Pa.N.J. Neb.D.C.Eur.	b. angustulus Csy. 88-292	Cal.
29. extrusus Csy. 88-282	L.Cal. [Sib.	c. explicitus Csy. 88-293	So.Cal.
30. varians Csy. 88-283	No.Cal.	d. apacheanus Csy. 88-294	Ariz.So.Cal.
31. sordidus Lec. 57-54	Cal. So.Cal.	33. sparsus Csy. 88-295	No.Cal.
a. margaritosus Csy. 88-284	Cal.	34. californicus Fahr. 40-267	Cal. Or.
b. procerus Csy. 88-284	Cal.	35. vittatus Lec. 57-54	Cal.
c. occidentalis Csy. 88-285	Cal.	36. indifferens Say 31-10	Mo.
d. eximius Csy. 88-286	Nev.	37. lineellus Bonsd. 85-30	Kan.Tex.Eur.
e. montanus Csy. 88-287	Cal.	a. scissifrons Say 31-10	[Sib. Alas.
f. nebulosus Csy. 88-288	So.Cal.	38. tibialis Hbst. 95-217	Eur.Alas.Can. Dak.H.B.T. Nfld.-Vanc. N.Mex.Mich. [Colo.
g. alternans Csy. 88-288	Cal.	vittatus    Couper 65-63	
		39. crinitus Gyll. 34-124	Eur.Or.Cal. So.Cal. Sib.
		seniculus Mann. 43-290	
		40. discoidea Gyll. 34-112	Eur. R.I.

In the arrangement of *Sitona* above I have been governed by studies of large series of eastern species in reducing to varietal rank some of the names assigned by Col. Casey to western forms.

† Introduced.

## ALOPHINI

**Trichalophus** Lee. 76-118

16741. alternatus (Say) 31-10 Can. L.Sup.  
 42. didymus (Lee.) 54-20 Or.  
 43. constrictus (Lee.) 57-54 Alas. Wash.  
     alternatus † Mann. 43-290  
 44. seriatus (Mann.) 53-245 Alas.  
 45. simplex Lee. 76-119 Man. H.B.T.  
 46. areuatus Fall 07-264 N.Mex.  
 47. planirostris Lee. 76-413 Colo.

**Triglyphulus** Ckll. 06-243

- (*Triglyphus* || Lee. 76-116)  
 16748. ater (Lee.) 76-117 Cal.

**Plinthodes** Lee. 76-117

16749. tæniatus (Lee.) 57-55 Or. Vane.

**Acmægenius** Lee. 76-118

16750. hylobinus Lee. 76-118 Or.

**Lophalophus** Lee. 76-120

- (*Liophlæus* † Mann.)  
 16751. inquinatus (Mann.) 52-351 Alas.

**Lepidophorus** Kby. 37-201

16752. setiger Ham. 95-347 Pa. Va. N.Y.  
 53. lineaticollis Kby. 37-201 Alas. N.Mex.  
 Colo. Sib.

## HYPERINI

Casey 95; Hamilton 96; Dietz 89; Titus 11

**Hypera** Germ. 17-340

16754. punetata (Fab.) 75-150 †Eur. N.E.U.S.  
     Sib.  
     austriacus (Sehr.) 81-123 B.C.-Cal.  
     pietus (Foure.) 85-117 N.Y. Can. Pa.  
     O.  
     linzensis (Gmel.) 90-1799 Ind. W. Va.  
     medius (Marsh.) 02-302  
     proximus (Carm.) 33-24  
     rufus (Boh.) 34-402  
     hostilis (Dej.) 37-287  
     opimus (Lee.) 76-124 Pa. Can.  
     fallaciosus (Desb.) 46-67

**Phytonomus** Schön. 26-175

16755. eximius Lee. 76-414 Ill. Kan. Man.-  
     Tex.  
     56. quadricollis Lec. 76-126 Dak. Colo.  
     57. eomptus Say 31-12 Mo. Can.-Tex.  
     diversus Dej. 33-263 [Or.  
     58. diversipunetatus (Sehr.) 98-546  
     Greenland  
     elongatus || Payk. 92-45 Eur. Sib.  
     59. seriatus Mann. 53-107 Alas.  
     pubicollis † Webs. 09-80  
     60. trivittatus Say 31-12 Ind. Man. Alb.  
     B.C.  
     setigerus Lee. 76-125 Kan. Ill. Neb.  
     eastor † Kwiat 03-335 [N. Mex.  
     61. maritimus Titus 11-432 Mass.  
     rumieis † collections.  
     62. eastor Lee. 76-126 Can. Man.  
     63. pubicollis Lee. 76-125 Vane.  
     64. meles (Fab.) 92-466 †Eur. Ct. N.Y.  
     griseus || (Mull.) 76-88 [N.J.  
     trifolii (Hbst.) 95-266  
     borealis (Payk.) 00-249  
     plantaginis (Marsh.) 02-267  
     stramineus (Marsh.) 02-267  
     pieipes (Dej.) 21-89  
     murina † (Steph.) 29-168  
     eastor † Smith 10-381  
     ?polygona Fab. 01-520 So. Ill.  
     65. nigrirostris (Fab.) 75-132 †N.B.-Va.  
     Minn.  
     variabilis (Fab.) 81-67 Eur. Mass.  
     virescens (Quen.) 90-16 Mich. Can.  
     fulvipes (Turton) 01-215  
     stierlini Capiom. 68-223  
     viridis (Prov.) 77-518  
     hirtus Petri 01-165

**Phytonomus** Schön.

16766. posticus (Gyll.) 13-113 †Eur. Ut. Wy.  
     hæmorrhoidalis || (Hbst.) 84-78 [Ind.  
     variabilis || (Hbst.) 95-263  
     bimaculatus || (Marsh.) 02-266  
     pollux † (Gyll.) 13-1  
     sublineata (Curtis) 26-10  
     villosula (Curtis) 26-21  
     pieipes (Curtis) 26-3  
     phæopa (Steph.) 29-169  
     rufipes (Steph.) 29-169  
     pareus Gyll. 34-390  
     tibialis Hoehh. 51-44  
     sieulus Capiom. 68-207  
     sericeus Capiom. 68-207  
     ponticus Capiom. 68-208  
     murinus † Titus olim

**Lepyrus** Germ. 17-340

16767. palustris Scop. 63-33 Lab. Mass.  
     Wis. La. Eur.  
     geminatus Say 31-12 Ill.-Colo. [Sib.  
     colon L. 71-531 H.B.T.  
     canadensis Csy. 95-824 N.W. Can.  
     pinguis Csy. 95-825 Colo.  
     oregonus Csy. 95-826 Or.  
     perforatus Csy. 95-827 B.C. Wash.  
     No. Cal.  
     4-notatus Boh. 42-295 Lab. Can.  
     68. alternans Csy. 95-823 Me. N.H.  
     69. capueinus Schall. 83-283 Eur. & Mich.  
     70. gemellus Kby. 37-198 Alas. H.B.T.  
     71. errans Csy. 95-823 N. Mex.

(*Listroderi*)

**Listronotus** Jek. 64-538

- (*Listroderes* Schön. 26-158)  
 16772. obliquus Lee. 76-129 Tex.  
     73. sordidus (Gyll.) 34-280 Ont. Mass.-Ga.  
     ?distinguendus (Gyll.) 34-281 [Tex.  
     74. tuberosus Lee. 76-130 Que. Mich.-Ga.  
     75. squamiger (Say) 31-11 Que. Ga. Ill.  
     76. callosus Lee. 76-130 Ont. N.Y.-Ga.  
     77. seapularis Csy. 95-828 Tex. [La.  
     78. inæqualipennis (Boh.) 40-189 M. & S. St.  
     79. caudatus (Say) 23-311 W. St. Can.-  
     80. americanus Lee. 76-131 Ga. [Mo.  
     81. rotundicollis Lee. 76-132 Ga. La.  
     82. tessellatus Csy. 95-828 Colo.  
     83. appendiculatus (Boh.) 40-192 Can.-Tex.

† Introduced.



**Listronotus** Jek

16784. *sulcirostris* Lec. 76-132 Ga. Fla. D.C.  
O.  
85. *nebulosus* Lec. 76-133 Mo.-N.J.Fla.  
86. *frontalis* Lec. 76-133 Mich.N.Y.Ga.  
87. *floridensis* Blatch. 16-160 Fla. [Tex.  
88. *palustris* Blatch. 16-160 Fla.  
89. *oregonensis* Lec. 57-55 Or.  
90. *latiusculus* (Boh.) 40-199 Mich.Ga.Que.  
91. *bagoiformis* Champ. 02-120 Mex. Utah  
92. *rudipennis* Blatch. 16-162 Ind.Ill.Mo.  
93. *cribricollis* Lec. 76-134 Ga.  
94. *impressifrons* Lec. 76-134 Ga. La. Fla.  
95. *setosus* Lec. 76-134 Fla. Ga. Tex.  
96. *debilis* Blatch. 16-164 Ind.  
97. *punctiger* Lec. 76-135 Dak.  
98. *teretirostris* Lec. 57-55 Cal.  
99. *gracilis* Lec. 76-135 Nev.  
16800. *nevadicus* Lec. 76-135 Nev.

**Hyperodes** Jek. 64-566

(Macrops || Kby. 37-199)

16801. *solutus* (Boh.) 40-197 Can.-Kan.  
02. *deceptus* Blatch. 16-167 Ind.  
03. *indistinctus* (Dietz) 89-32 N.J.-Wy.  
04. *cryptops* (Dietz) 89-32 Fla. Ga.  
05. *hyperodes* (Dietz) 89-33 Cal.  
06. *nevadensis* (Dietz) 89-34 Nev.  
07. *grypidioides* (Dietz) 89-35 Wy.Nev.Tex.  
*wickhami* (Dietz) 89-36 N.Mex. [Ind.  
08. *laramiensis* (Angell) 93-12 Wy.  
09. *interpunctatulus* (Dietz) 89-36 Neb.-Tex.  
Mont.  
10. *ulkei* (Dietz) 89-37 Wy. Dak.Tex.  
11. *dorsalis* (Dietz) 89-37 Ill. La. Tex.

**Hyperodes** Jek.

16812. *tenchrosus* (Dietz) 89-38 Neb.Mont.  
Dak. Wy.  
13. *alternatus* (Dietz) 89-38 Ill.  
14. *peninsularis* Blatch. 16-169 Fla.  
15. *montanus* (Dietz) 89-39 Ind.-Dak.  
16. *interstitialis* (Dietz) 89-39 Or.  
17. *horni* (Dietz) 89-40 Ga. Fla.  
18. *setiger* (Dietz) 89-41 Fla.  
19. *delumbis* (Gyll.) 34-203 Que.-Mont.-  
20. *subcribratus* (Dietz) 89-42 Fla. [Fla.  
21. *sparsus* (Say) 31-11 E.&W.St.  
*squalidus* (Gyll.) 34-181 [Can.-Mo.  
*lineatulus* (Say) 31-12  
22. *longulus* (Dietz) 89-44 Dak. Wy.  
23. *rotundicollis* (Dietz) 89-44 Tex.-N.Y.  
24. *obscurus* (Dietz) 89-45 Tex.D.C.N.Y.  
Mont.  
25. *imbellis* (Dietz) 89-45 La. Wash.  
26. *schauppi* (Angell) 93-12 Tex.  
27. *hirtellus* (Dietz) 89-46 N.Mex. Ariz.  
28. *echinatus* (Dietz) 89-46 Mass.-Ariz.  
29. *novellus* Blatch. 16-174 Fla.  
30. *minimus* Blatch. 16-175 Fla.  
31. *obtectus* (Dietz) 89-47 Ariz.  
32. *myasellus* (Dietz) 89-48 Colo.  
33. *mirabilis* (Dietz) 89-49 Ill.  
34. *vitticollis* (Kby.) 37-200 H.B.T.  
*vittaticollis* ‡ (Dietz) 89-49 Wy. Neb. Ut.  
35. *humilis* (Gyll.) 34-284 Nfld.-Mont.  
Miss.  
a. *maculicollis* (Kby.) 37-200 Lat. 65° N.  
36. *californicus* (Dietz) 89-50 Cal.Or.Wash.  
37. *anthracinus* (Dietz) 89-51 Fla.  
38. *porcellus* (Say) 31-11 M.&W.St.  
— *spureus* (Boh.) 40-196  
— *immundus* (Boh.) 40-198

## EMPHYASTINI

**Emphyastes** Mann. 52-354

16839. *fucicola* Mann. 52-354 Alas.-So.Cal.

## PISSODINI

Hopkins 11

**Pissodes** Germ. 17-340

16840. *similis* Hopk. 11-44 N.C. N.H.Me.  
41. *utahensis* Hopk. 11-45 Ut. B.C.  
42. *barberi* Hopk. 11-45 No.Cal.Or.  
Wash.  
43. *sitchensis* Hopk. 11-47 Or. Wash.  
44. *engelmanni* Hopk. 11-47 Id.Mont.Colo.  
45. *strobi* (Peck) 17-2 N.B. N.C.Wis.  
46. *approximatus* Hopk. 11-49 Me.N.C.Wis.  
47. *schwarzi* Hopk. 11-50 Colo. Alb.  
*costatus* ‡ Hopk. 06-254 (pars) [Wash.  
48. *canadensis* Hopk. 11-51 Man.  
49. *nemorensis* Germ. 24-318 Md.Fla.Tex.  
*strobi* ‡ Say 31-14 (pars)  
50. *deodara* Hopk. 11-52 Ga.  
51. *californicus* Hopk. 11-53 Cal.  
52. *yosemite* Hopk. 11-53 Cal. Wash.  
*costatus* ‡ Hopk. 06-254 (pars)  
53. *webbi* Hopk. 11-54 Ariz. N.Mex.  
*?strobi* ‡ Champ. 02-119

**Pissodes** Germ.

16854. *radiata* Hopk. 11-55 Cal. Wash.  
55. *fasciatus* Lec. 76-142 Or.Wash.B.C.  
56. *costatus* Mann. 52-354 Alas. Wash.  
57. *fiskei* Hopk. 11-59 N.H.  
*?strobi* ‡ Pack. 90-829  
58. *nigræ* Hopk. 11-59 N.H.  
59. *puncticollis* Hopk. 11-60 W.Va.  
60. *murrayanæ* Hopk. 11-60 Or.  
61. *coloradensis* Hopk. 11-60 Colo. Dak.  
62. *alascensis* Hopk. 11-61 Alas.  
63. *rotundatus* Lec. 76-142 Mich.  
64. *burkei* Hopk. 11-62 Colo. Utah  
65. *piperi* Hopk. 11-62 Id.Wash.B.C.  
66. *dubius* Rand. 38-24 Me.N.H.  
67. *fraseri* Hopk. 11-63 N.C. [Mich.  
68. *affinis* Rand. 38-24 N.H.Pa.Wis.  
69. *curriei* Hopk. 11-65 B.C.

## HYLOBIINI

**Paraplinthus** Faust 92-49

16870. *shermani* Fiske 06-31 N.C.

**Paraplinthus** Faust

16871. *carinatus* Boh. 40-334 Or.-Alas.  
71½. *serobiculatus* (Mann.) 43-292 ♀ Alas.



**Pachyphanes** Dietz

16926. *carus* Dietz 94-117 Cal.  
 27. *corpulentus* (Lec.) 76-170 Miss.Tex.La.  
     *centralis* Dietz 94-118 Tex. [Ark.  
 28. *lateralis* Dietz 94-118 Tex.  
     \*\*  
 29. *lineolatus* Csy. 92-385 Tex. Ill. Mo.  
 30. *triangularis* Dietz 94-120 Tex.  
 31. *amœnus* (Say) 31-26 N.Y.D.C.-  
     Dak. Tex.

**Desmoris** Lec. 76-167

16932. *scapalis* Lec. 76-168 Colo.Kan.Tex.  
     (N.H.?) Ill.  
     *compar* Dietz 94-123 ♀ Neb.  
 33. *obesus* Dietz 94-124 Mont.  
 34. *montanus* Dietz 94-124 Dak.Wis.Ill.  
 35. *pervisus* Dietz 94-125 Kan.Dak.Cal.  
     *incertus* Dietz 94-125 Fla.  
 36. *floridanus* Dietz 94-126 Kan.Ariz.  
 37. *constrictus* (Say) 23-313 So.Cal.(N.J.?)  
     Tex.-Cal.Ill.  
 38. *sordidus* (Lec.) 76-173 Kan. [Ariz.  
 39. *humilis* Dietz 94-127 Mo.Ut.Cal.  
 40. *fulvus* (Lec.) 76-172 Tex. Ariz.  
 41. *flavicans* (Lec.) 76-171 Ia.  
 42. *fiducialis* (Csy.) 92-399

**Smicronyx** Schön. 43-313

- \*  
 16943. *gibbistrostris* Csy. 92-407 Del. D.C.  
 44. *squalidus* Csy. 92-407 D.C.-Ind.  
     *setulosus* Dietz 94-132 Tex. Ill.  
 45. *cinerascens* Dietz 94-132 Tex.  
 46. *morio* Dietz 94-133 Pa. Dak.  
 47. *tesselatus* Dietz 94-134 Tex.D.C.Ind.  
 48. *ovipennis* Lec. 76-170 O.Mont.Tex.  
 49. *impressirostris* Dietz 94-135 So.Ill.Ind.  
     \*\*  
 50. *profusus* Csy. 92-389 Ariz.  
 51. *intricatus* Csy. 92-390 Tex.Ariz.  
 52. *mucidus* Dietz 94-138 Wash.N.Mex.  
 53. *perplexus* Dietz 94-138 Cal.  
 54. *tardus* Dietz 94-139 Cal.  
 55. *picipes* Dietz 94-140 Va.  
 56. *rhodopus* Dietz 94-140 Tex.  
 57. *pusillus* Dietz 94-141 So.Cal.  
 58. *resplendens* Dietz 94-142 Cal.  
 59. *pusio* Lec. 76-171 Cal.  
     \*\*\*  
 60. *cognatus* Dietz 94-144 Nev.  
 61. *defricans* Csy. 92-406 Cal. So.Cal.  
 62. *spretus* Dietz 94-145 Ariz.  
 63. *cinereus* Mots. 45-376 So.Cal.Vanc.  
 64. *scalator* Dietz 94-147 Cal.  
 65. *lepidus* Dietz 94-147 Ariz.  
 66. *quadrifer* Csy. 92-388 Ariz.Ala. Tex.  
     a. *texana* Blatch. 16-12 Tex.  
 67. *instabilis* Csy. 92-403 Cal. So.Cal.  
 68. *nubilus* Dietz 94-149 Cal. So.Cal.  
 69. *posticus* Dietz 94-150 Md.

**Smicronyx** Schön.

16970. *seriatus* Lec. 76-172 Cal.  
 71. *fraterculus* Dietz 94-151 Ariz.  
 72. *connivens* Csy. 92-398 Mass.-Mo.  
     *languidulus* Dietz 94-152 Md. D.C.  
 73. *tychioides* Lec. 76-171 Kan.N.Y.  
     D.C. Tex.  
 74. *atratus* Dietz 94-153 Tex. D.C.  
 75. *congestus* Csy. 92-401 Colo.Ill.D.C.  
     Mass.  
 76. *sculpticollis* Csy. 92-403 L.I.D.C.Ia.  
 77. *sagittatus* Csy. 92-402 R.I. [Tex.  
 78. *apionides* Csy. 92-405 Md.N.C.Tex.

*(Pseudromicronyx* Dietz 94-130)

- \*  
 79. *nebulosus* Dietz 94-157 N.J.D.C.Ind.  
 80. *ornatipennis* Dietz 94-158 Cal. Tex.  
 81. *fallax* Dietz 94-158 Tex. Kan.  
 82. *caseyi* Blatch. 16-10 Kan.-Mont.  
     *vestitus* ‡ Csy. Dietz nec Lec. [(Ind.?)  
 83. *vestitus* Lec. 76-172 Kan.  
 84. *commixtus* Dietz 94-160 Mont.  
     \*\*  
 85. *perfidus* Dietz 94-161 Ia.  
 86. *maculatus* Dietz 94-162 Ind.Pa.Dak.  
 87. *perpusillus* Csy. 92-405 Fla. [D.C.  
 88. *interruptus* Blatch. 16-220 Ind.  
 89. *squamulatus* Lec. 76-173 Mich.N.J.  
     *columbianus* Dietz 94-162 D.C. [Mass.  
 90. *californicus* Dietz 94-163 So.Cal.Ariz.  
 91. *corniculatus* Fähr. 43-319 E.St.Wis.Kan.  
     Que.-D.C.  
     *lanuginosus* Dietz 94-165 D.C. Pa.  
 92. *spurcus* Csy. 92-393 Ariz.  
 93. *abnormis* Dietz 94-166 N.Mex.  
 94. *vitiosus* Dietz 94-167 Ariz.  
 95. *rufulus* Dietz 94-167 N.Mex.Ariz.  
     \*\*\*\*  
 96. *obtectus* Lec. 76-171 Cal. So.Cal.  
 97. *parcus* Dietz 94-169 Nev.  
 98. *albosquamosus* Dietz 94-169 Ariz.  
 99. *lutulentus* Dietz 94-170 Tex.  
     \*\*\*\*\*  
 17000. *pinguis* Blatch. 16-215 Ind.  
 01. *griseus* Lec. 76-171 Neb.Dak. N.J.  
 02. *rusticus* Dietz 94-171 Mont. [N.C.  
 03. *sparsus* Csy. 92-394 Colo.D.C.  
 04. *pleuralis* Csy. 92-395 Ariz.

**Synertha** Dietz 94-172

17005. *imbricata* (Csy.) 92-409 So.Cal. Ariz.  
     *silacea* Csy. 92-392 Ariz.  
 06. *horni* Dietz 94-173 Ariz.  
 07. *wickhami* Dietz 94-174 Ariz.

**Promecotarsus** Csy. 92-408

17008. *maritimus* Csy. 92-409 So.Cal.  
 09. *densus* Csy. 92-410 Neb. Kan.  
 10. *fumatus* Csy. 92-410 Mont.Dak.

## HYDRONOMI

**Stenopelmus** Schön. 36-469

- (*Monius* Schön. 45-501)  
 17011. *rufinasus* Gyll. 35-409 Fla. Ind.  
     So.Cal.

**Brachybamus** Germ. 36-330

17012. *electus* Germ. 36-330 Mass.-D.C.  
     ?incertus Boh. 43-186 Fla. Ind.  
     Boston, Mass.





**Tychius Germ.**

17079. *hirtellus* Lec. 76-218 Tex.  
 80. *aratus* (Say) 31-26 Mont.  
 81. *semisquamosus* Lec. 76-217 Cal.  
 82. *lamellosus* Csy. 92-418 Utah  
     (*Paratychius* Csy. 10-135)  
 83. *prolixus* Csy. 92-419 Nev. So. Cal.  
     a. *imbricatus* Csy. 10-135 So. Cal.  
     (*Microtychius* Csy. 10-136)  
 84. *variegatus* Csy. 92-420 Ariz. Tex.  
 85. *sulcatulus* Csy. 97-664 Tex.  
 86. *dulcis* Csy. 10-140 Utah  
 87. *albidus* Schffr. 08-219 So. Cal.  
 88. *simplex* Csy. 92-421 Tex. Ariz.  
     a. *imbellis* Csy. 10-140 Ariz.  
     b. *porcatus* Csy. 10-141 Ariz.  
     c. *curtipennis* Csy. 10-141 Tex.  
 89. *sibinioides* Csy. 92-421 Ariz.  
 90. *mica* Csy. 92-422 Ariz.  
 91. *setosus* Lec. 76-218 So. Cal. Ariz.  
     a. *erraticus* Csy. 10-136 Tex.

**Tychius Germ.**

- b. *puellus* Csy. 10-137 Tex.  
 c. *atomus* Csy. 10-137 So. Cal.  
 d. *echinus* Csy. 10-138 Ariz.  
 e. *hystrix* Csy. 10-138 Ariz.  
 f. *vernilis* Csy. 10-138 Ariz.  
 g. *fatuus* Csy. 10-139 Ariz.  
 h. *fraterculus* Csy. 10-139 Ariz.  
 17092. *subfasciatus* Csy. 92-423 Tex.  
 93. *hispidus* Csy. 92-424 Ariz.  
 94. *transversus* Csy. 97-665 Ariz.  
 95. *inermis* Csy. 97-664 Tex.  
     (*Sibinia* Germ. 17-340)  
     (*Sibynes* Schön. 26-245)  
 96. *suturalis* Schffr. 08-218 Ariz. Tex.  
 97. *ochreosus* Csy. 97-666 Tex.  
 98. *pallidus* Schffr. 08-218 Tex.  
 99. *fulvus* Lec. 76-219 L. Cal. So. Cal. Ariz.

**Paragoges Lec. 76-219**

17100. *maculatus* Lec. 76-219 So. Cal.  
 01. *minimus* Blatch. 16-247 Fla.

## OTIDOCEPHALINI

Horn 73; Casey 92; Schaeffer 07

**Erodiscus Schön. 26-237**

17102. *tinamus* Lec. 84-30 Fla.

**Otidocephalus Chev. 32-98**

17103. *vittatus* Horn 73-448 So. Cal.  
 04. *nivosus* Csy. 92-429 Ariz. Tex.  
 05. *insignis* Csy. 92-430 Tex.  
 06. *ulkei* Horn 73-449 L. Cal.  
 07. *sparsus* Horn 95-254 L. Cal.  
 08. *uniformis* Champ. 03-235 Mex. & U.S.?  
 09. *estriatus* Csy. 92-430 N. Mex.  
 10. *alternatus* Horn 95-253 L. Cal.  
 11. *carinicollis* Horn 95-254 Tex.  
 12. *dichrous* Lec. 76-191 Ga. Fla.  
 13. *basalis* Schffr. 07-75 Ariz.  
 14. *subglaber* Schffr. 07-76 Ariz.  
 15. *arizonicus* Schffr. 07-76 Ariz.  
 16. *egregius* Csy. 92-431 Ariz.  
 17. *floridanus* Csy. 92-433 Fla.

**Otidocephalus Chev.**

17118. *myrmex* (Hbst.) 97-56 Que. Ga. Ia.  
     *myrmecodes* Say 31-15  
     *americanus* Chev. 32-105  
 19. *ruficornis* Csy. 92-435 Ariz.  
 20. *texanus* Schffr. 07-77 Tex.  
 21. *chevrolati* Horn 73-450 Que. R. I.-Ia.  
     *myrmecodes* || Chev. 32-445 [Ga. Tex.  
 22. *coræ* Champ. 03-262 Mex. Ariz.  
     [Miss.  
 23. *scrobicollis* Boh. 43-205 N. Y.-Tex.  
 24. *rhois* Fall 07-266 N. Mex.  
 25. *laevicollis* Horn 73-451 Mass.-Tex.  
 26. *speculator* Csy. 92-434 Tex.  
 27. *cavirostris* Csy. 92-437 Fla.  
     ?*poeyi* Chev. 32-107 Cuba, Fla.

**Oopterinus Csy. 92-438**

17128. *perforatus* (Horn) 73-451 Md. Ga. Ia.

## MAGDALINI

Horn 73; Fall 13

**Magdalis Germ. 17-340**

17129. *barbicornis* (Latr.) 04-103 †Eur. Mass.  
     N. Y.  
 30. *cuneiformis* Horn 73-453 Neb.-So. Cal.  
     Wash.  
 31. *morio* Fall 13-26 Ariz. N. Mex.  
 32. *hispidus* Lec. 76-418 Nfld.-D. C.  
     B. C. N. Mex.  
 33. *perforata* Horn 73-453 Fla. Ga.-N. H.  
     Can.  
 34. *lecontei* Horn 73-454 Kan. Or.  
     a. *superba* Fall 13-28 Ariz. [So. Cal.  
     b. *tenebrosa* Fall 13-28 N. Mex. Colo.  
     Cal.  
     c. *tinctipennis* Fall 13-28 N. Mex. Ariz.  
 35. *convexicollis* Fall 13-28 So. Cal.  
 36. *austera* Fall 13-29 Ont.-N. C.  
     a. *substriga* Fall 13-29 Me. Mass. N. Y.

**Magdalis Germ.**

17137. *vitiosa* Fall 13-30 Cal.  
 38. *gentilis* Lec. 76-418 Cal. (Me.  
     N. H. ? Nfld. ?)  
 39. *proxima* Fall 13-31 Cal.  
 40. *striata* Fall 13-31 So. Cal.  
 41. *alutacea* Lec. 78-463 Me. N. H. Vanc.  
 42. *imbellis* Lec. 57-57 Or. [N. Mex.  
     \*  
 43. *gracilis* Lec. 57-57 Cal. Nev.  
 44. *ænescens* Lec. 76-192 Alas.-No. Cal.  
 45. *subtincta* Lec. 76-417 Vanc. Cal.  
     Colo.  
 46. *olyra* (Hbst.) 97-6 Can. N. C. Mo.  
     *brunnipes* Gyll. 34-270  
 47. *pandura* Say 31-7 Can. Ga. Mo.  
 48. *inconspicua* Horn 73-456 Can. Pa. Tex.  
 49. *salicis* Horn 73-455 Me. Mass. Ind.

† Introduced.

**Magdalis** Germ.

17150. *barbita* Say 31-6  
 51. *armicollis* Say 23-312  
 a. *pallida* Say 31-7

Can.Ga.Tex.  
 Can.Ga.Tex.  
 Ind.-N.Y.

**Trichomagdalis** Fall 13-37

17152. *fasciatus* Fall 13-37  
 53. *conspersus* Fall 13-38  
 54. *atratus* Fall 13-38

Cal.  
 Cal.  
 Cal.

## BALANINI

Horn 73; Blanchard 84; Casey 97, 10; Chittenden 08; Leng 16

**Balaninus** Germ. 17-291

## A.

17155. *proboscideus* (Fab.) 75-142 Mass. N.C.  
*sayi* Gyll. 36-375 [Kan.]  
*caryatrypes* Boh. 43-276  
 a. *hariolus* Csy. 10-114 Ind.(?)  
 b. *cylindricollis* Csy. 10-114 Tenn.  
 56. *caryæ* Horn 73-460 N.Y.-Fla.Ia.  
 57. *rectus* Say 31-16 ♀ Mass.-Fla.-  
*quercus* Horn 73-458 ♂ [Colo.]  
*rectirostris* Gyll. 36-376  
*?orthorynchus* Chitt. 08-26 W.Va.  
*cuneatus* Csy. 10-115 W.Va.  
*sparsellus* Csy. 10-116 N.J.  
 58. *algonquinus* Csy. 10-118 Can. N.C.  
*rectus* ‡ auct. nec Say Tenn.  
*setosicornis* Csy. 10-118 W.Va.  
*macilentus* Csy. 10-118 W.Va.  
*perexilis* Csy. 10-118 N.J.

## B.

59. *nasicus* Say 31-16 Pa.Can.-Fla.-  
 Colo.  
 60. *pardalis* Chitt. 08-25 R.I.N.C.-Ark.  
*?virginicus* Csy. 10-123 W.Va.  
 61. *confusor* Ham. 93-309 Mass.N.C.Ill.  
 a. *iowensis* Csy. 10-122 Ia.  
 62. *baculi* Chitt. 08-20 N.Y.Ala.-Neb.  
*uniformis* ‡ auct. nec Lec.  
 63. *humeralis* Csy. 97-657 Fla. Ga.  
*?curtus* Chitt. 08-21 Fla. Tex.  
*parvidens* Chitt. 08-22 Miss.Fla.Ala.  
 Tex.

**Balaninus** Germ.

17164. *obtus* Blanch. 84-107 N.H.Neb.Tex.  
*?rostratus* Gyll. 36-374  
*?nasutus* || Say 31-16  
 65. *caseyi* Chitt. 08-26 N.Mex.  
*brevirostris* || Csy. 97-662  
 66. *monticola* Csy. 97-663 Colo.  
 67. *uniformis* Lec. 57-57 Cal. So.Cal.  
*occidentis* Csy. 97-658 Cal.  
 68. *nanulus* Csy. 97-658 N.Mex.  
 69. *undulatus* Csy. 97-659 Ariz.  
 70. *strictus* Csy. 97-660 N.Mex.  
 71. *utensis* Csy. 10-26 Utah  
 72. *tubulatus* Csy. 10-126 Utah  
 73. *longipes* Csy. 97-661 Colo.  
 74. *sulcatulus* Csy. 97-661 N.Mex.  
 75. *q-griseæ* Chitt. 08-22 Ariz.  
 76. *victoriensis* Chitt. 08-23 Tex.  
 77. *auriger* Csy. 10-117 Ariz.  
 a. *mollis* Csy. 10-118 Ariz.  
 78. *strigosus* Csy. 10-118 Ariz.  
 79. *acuminatus* Csy. 10-119 Ariz.? Colo?  
 80. *timidus* Csy. 10-121 Tex.  
 — *proprius* Csy. 10-121 ♀ Ind.?  
 — *auctus* Csy. 10-124 ♂ N.Y.  
 — *ordinatus* Csy. 10-124 ♂ Tenn.  
 — *appalachius* Csy. 10-125 ♂ W.Va.  
 — *parvicollis* Csy. 10-125 ♂ N.J.  
 — *?porrectus* Boh. 43-292 N.Am.  
 — *sparsus* Gyll. 36-379 N.Am.

## ANTHONOMINI

Dietz 91; Fall 13; Blatchley & Leng 16

**Magdalinops** Dietz 91-183

17181. *vittipennis* Dietz 91-184 Cal.

**Macrorhoptus** Lec. 76-208

17182. *estriatus* Lec. 76-209 Ill.Tex.So.Cal.  
 83. *sphæralciæ* Pierce 08-173 Tex.  
 84. *hispidus* Dietz 91-185 Ariz.So.Cal.

**Smicraulax** Pierce 08-173

17185. *tuberculatus* Pierce 08-174 Tex.

**Tachypterellus** Fall & Ckll. 07-244

(*Tachypterus* || Dietz 91-186)

17186. *quadrigibbus* (Say) 31-15 Can.-Tex.Cal.  
 87. *consors* Dietz 91-187 Or.

**Cionistes** Dietz 91-187

17188. *insolens* Dietz 91-188 Cal. So.Cal.

**Anthonomus** Germ. 17-340

(*Coccotorus* Lec. 76-193)

17189. *scutellaris* Lec. 58-79 Mass.Ga.Tex.  
*prunicida* Walsh 63-372  
 90. *hirsutus* Bruner 88-126 Neb.

**Anthonomus** Germ.

(*Anthonomocyllus* Dietz 91-191)

17191. *elegans* Lec. 76-202 Fla.  
 92. *xanthoxyli* Linell 97-49 Tex.  
 93. *leucostictus* Dietz 91-193 Tex.  
 94. *pusillus* Lec. 76-202 Tex.Mass.Fla.  
*hamiltoni* Dietz 91-193 Fla.  
 95. *atomarius* Blatch. 16-290 N.J.

(*Anthonomorphus* Dietz 91-194)

96. *fulvus* Lec. 58-79 Kan.Okla.Tex.  
 97. *peninsularis* Dietz 91-195 L.Cal.So.Cal.  
 98. *pervilis* Dietz 91-196 L.Cal.

(*Trichobaropsis* Dietz 91-196)

99. *texanus* Dietz 91-197 Tex.

(*Leptarthrus* Dietz 91-197)

17200. *julichii* Dietz 91-198 Fla.  
 01. *costulatus* Suffr. 71-137 Fla.  
*irroratus* Dietz 91-198

(*Paranthonomus* Dietz 91-199)

02. *profundus* Lec. 76-198 Que.Md.Ill.  
*vulpinus* Dietz 91-201 Pa.  
 03. *rubidus* Lec. 76-199 Ont.-D.C.



**Anthonomus** Germ.*(Anthonomus s. str.)*

\*

17204. *nebulosus* Lec. 76-197 N.Y.-Mo.  
 05. *tridens* Fall 09-167 L.Cal.  
 06. *pomorum* L. 58-381 †Eur.(Ohio?)  
 \*\*  
 07. *grandis* Boh. 43-232 Mex. Tex.  
 a. *thurberiae* Pierce 13-90 Ariz. [Tenn.  
 08. *gularis* Lec. 76-197 Md.-Mich.  
 09. *virgo* Dietz 91-206 Va.  
 10. *rufipennis* Lec. 76-200 Pa.Fla.Tex.  
 \*\*\*  
 11. *rubellus* Dietz 91-208 L.Sup.  
 12. *hæmatopus* Boh. 43-222 Can.D.C.Cal.  
   *sycophanta* Walsh 67-265 So.Cal.  
 a. *bolteri* Dietz 91-208 N.Mex.  
 b. *confusus* Dietz 91-209 Mont. So.Cal.  
 13. *suturalis* Lec. 24-171 Can. E.W.St.  
   *erythropterus* Say 31-25  
 14. *flavicornis* Boh. 43-231 Can.Fla.Tex.  
 15. *hicatoriae* Pierce 08-175 Tex.  
 16. *morulus* Lec. 76-201 Cal.  
 17. *corvulus* Lec. 76-201 N.S.Fla.Ariz.  
 18. *subguttatus* Dietz 91-213 N.J.W.Va.Fla.  
 \*\*\*\*  
 19. *signatus* Say 31-25 Can.Fla.Tex.  
   *bisignatus* Gyll. 36-344 [Wis.  
 20. *pallidus* Dietz 91-215 Md.Fla.La.  
 21. *consimilis* Dietz 91-216 D.C.Ind.Wis.  
 22. *likensis* Blatch. 16-301 N.J. Va. Ind.  
 23. *vespertinus* Dietz 91-216 Ill.Tex.Fla.Ga.  
 24. *musculus* Say 31-15 Ont.Fla.Colo.  
   *sulcifrons* Lec. 76-201 Pa.Fla.-Mo.  
 25. *obtrusus* Fall 13-49 Tex.  
 26. *concinus* Dietz 91-217 Fla.  
 27. *miæphonus* Pierce 12-167 N.C.  
 28. *simiolus* Blatch. 16-304 Mass.  
 29. *sexguttatus* Dietz 91-219 Fla.  
 30. *uniformis* Blatch. 16-303 Fla.  
 31. *interstitialis* Dietz 91-219 L.Sup.D.C.  
 \*\*\*\*\*  
 32. *unicus* Blatch. 16-305 Fla.  
 33. *ebeninus* Deitz 91-221 L.Cal.  
 34. *basidens* Fall 13-50 L.Cal.  
 35. *apertus* Fall 01-262 So.Cal.  
 36. *nigrinus* Boh. 43-230 N.Y.N.C.La.  
 37. *dentoni* Angell 93-13 Nev.  
 38. *albopilosus* Dietz 91-222 So.Cal.N.Mex.  
   Tex.  
 39. *xanthocnemus* Dietz 91-223 Can. Tex.  
 40. *æneolus* Dietz 91-223 So.Cal.Tex.  
 41. *solani* Fall 13-49 So.Cal.  
 42. *faber* Dietz 91-224 Tex.  
 43. *effetus* Dietz 91-224 Cal. Or.  
 44. *varipes* <sup>1</sup> Duval 57-200 Cuba, So.Fla.  
 45. *scutellatus* Gyll. 36-342 Can.Mich.Tex.  
 \*\*\*\*\*  
 46. *dissimilis* Dietz 91-226 Va.  
 47. *orchestoides* Dietz 91-226 Md.D.C.Mo.  
 48. *juniperinus* (Sanborn) 68-81 Mass.-Fla.  
 \*\*\*\*\*  
 49. *obesulus* Fall 13-51 Nev.  
 50. *ater* Lec. 76-198 So.Cal. Or.

<sup>1</sup> See footnote, page 324.

† Introduced.

**Anthonomus** Germ.

17251. *squamosus* Lec. 76-202 Neb. Cal.  
 52. *testaceosquamosus* Linell 97-50 Tex.  
 53. *tectus* Lec. 76-203 Mass.Ga.Ariz.  
 54. *appositus* Fall 13-52 Ariz.  
 55. *heterothecæ* Pierce 08-177 Tex.  
 56. *squamulatus* Dietz 91-230 Wis. Mo.  
 57. *molochinus* Dietz 91-231 Mont. Can.  
   N.H.  
 58. *rufipes* Lec. 76-204 N.Y.Del.Ia.  
 59. *disjunctus* Lec. 76-204 N.Y.Ga.Ill.  
 60. *melancholicus* Dietz 91-211 [Tex.  
   Vanc.  
   *murinus* Dietz 91-232 Or. Colo.  
 61. *brunnipennis* Mann. 43-292 Cal.  
 62. *hirtus* Lec. 76-203 Cal.Ariz.Ut.  
 63. *ochreopilosus* Dietz 91-233 Cal. So.Cal.  
 64. *callirrhoe* Pierce 08-176 Tex.  
 65. *pauperculus* Lec. 76-203 Cal. So.Cal.  
 66. *mimicanus* Fall 13-54 Ariz.  
 \*\*\*\*\*  
 (*Sexarthrus* Blatch. 16-311)  
 67. *subfasciatus* Lec. 76-205 Can. Fla.Tex.  
   *latiusculus* Dietz 91-235 Va. Tex.  
 68. *robustus* Lec. 76-205 N.Eng.Va.  
   Mont.  
   *moleculus* Csy. 84-191 Pa.D.C.Wis.  
 69. *robinsoni* Blatch. 16-312 N.Y.  
 \*\*\*\*\*  
 70. *ungularis* Lec. 76-206 Mich.N.Y.Fla.  
 71. *floralis* Dietz 91-238 Fla. N.C.  
 72. *debilis* Blatch. 16-314 Fla.  
 73. *nubilus* Lec. 76-205 Fla. N.C.  
   Mass.  
 74. *cylindricollis* Blatch. 16-314 N.C.  
 (*Cnemocyllus* Dietz 91-239)  
 75. *helianthi* Fall 01-262 So.Cal.  
 76. *subvittatus* Lec. 76-203 Cal.  
 77. *tahoensis* Fall 01-263 Cal.  
 78. *ornatulus* Dietz 91-241 Cal.So.Cal.  
   Ariz.  
 79. *figuratus* Dietz 91-241 Cal. So.Cal.  
 80. *inermis* Boh. 58-131 Cal. So.Cal.  
 81. *sphæralceæ* Fall 13-55 Ariz. Kan.  
 82. *jacobinus* Dietz 91-242 Colo. [Dak.  
 83. *stolatus* Fall 01-264 So.Cal.  
 84. *decipiens* Lcc. 76-206 Mich.Wash.  
   Tex.  
 85. *canus* Lec. 76-207 Ariz.Cal.Tex.  
   *affinus* Lec. 76-207 Tex.-Cal.  
   *nanus* Lec. 76-207 Ariz.N.Mex.  
 86. *cycliferus* Fall 13-56 Ut.  
 87. *aphanostephi* Pierce 08-177 Tex.  
 88. *baccharidis* Pierce 08-178 Ariz.  
 89. *tenuis* Fall 13-57 Ut.Nev.Id.  
   Cal.  
 90. *elongatus* Lec. 76-204 Que.Fla.Nev.  
 91. *ligatus* Dietz 91-245 Ariz.  
 92. *juncturus* Fall 13-57 L.Cal.  
 93. *lineatulus* Dietz 91-245 Tex.  
 (*Anthonomochæta* Dietz 91-246)  
 94. *heterogenus* Dietz 91-247 Tex.Ariz.Ut.  
   Wash.

**Anthonomus** Germ.

- ?  
 17295. *mexicanus* Boh. 43-228 Mex. Tex.  
       *brevirostris* Linell 97-50 Tex.  
 96. *eugenii* Cano 94-377 Mex. Tex.  
       *æneotinctus* Champ. 03-169  
 \* Mex.

**Anthonomopsis** Dietz 91-247

17298. *mixtus* Lec. 76-206 Conn.-Neb.

**Pseudanthonomus** Dietz 91-248

17299. *cratægi* Walsh 67-266 Can. Fla.-Wis.  
 17300. *validus* Dietz 91-250 Can. N.Mex.  
   01. *hamamelidis* Pierce 08-180 N.Y.Va.N.J.  
   02. *krameriae* Pierce 08-181 Tex.  
   03. *incipiens* Dietz 91-250 Can. Mich.  
   04. *puncticollis* Blatch. 16-319 Ind. [D.C.  
   05. *seriesetosus* Dietz 91-251 Mich.D.C.  
       Neb.  
   06. *tomentosulus* Dietz 91-251 Tex.  
   07. *facetus* Dietz 91-252 Neb.  
   08. *longulus* Dietz 91-252 N.J.D.C.N.C.  
   09. *rufulus* Dietz 91-252 D.C.Mass.Ind.  
   10. *brunneus* Dietz 91-253 N.Mex.  
   11. *parvulus* Dietz 91-253 Ill.  
   12. *inermis* Blatch. 16-321 Fla.  
   13. *relictus* Dietz 91-254 Pa.

**Mecynopyga** Pierce 08-179

17314. *texana* Pierce 08-179 Tex.

**Neomastix** Dietz 91-254

17315. *solidaginis* Dietz 91-255 Mass. Va.  
       *punctulatus* Dietz 91-255 Fla.

**Chelonychus** Dietz 91-256

17316. *longipes* Dietz 91-256 Cal.Minn.  
       Colo.

**Nanops** Dietz 91-256

17317. *schwarzi* Dietz 91-257 Fla.

**Epimechus** Dietz 91-257

17318. *mimicus* Dietz 91-258 Cal. So. Cal.  
   19. *nanulus* Fall 01-267 N.Mex.  
   20. *curvipes* Dietz 91-259 Nev.N.Mex.  
   21. *modicus* Fall 13-60 Ariz.  
   22. *soriculus* Dietz 91-259 So. Cal.  
   23. *aemulus* Fall 01-266 So. Cal.  
   24. *adpersus* Dietz 91-260 Cal.  
   25. *stragulus* Fall 01-267 N.Mex.  
   26. *mobilis* Fall 13-62 So. Cal.

**Epimechus** Dietz

17327. *nevadicus* Dietz 91-260 So. Cal. Ariz.  
       Nev.  
   28. *gracilis* Fall 13-59 N.Mex. Ariz.  
   29. *canoides* Fall 13-60 Tex.  
   30. *arenicolor* Fall 01-265 Ariz.

**Brachyogmus** Linell 97-51

17331. *ornatus* Linell 97-51 So. Cal.

**Ephelops** Dietz 91-261

17332. *triguttatus* Dietz 91-261 Fla.

**Elleschus** Steph. 31-103

- (*Alyca* Lec. 76-209)  
 17333. *bipunctatus* (L.) 58-380 †Eur. Can.  
       N.J. Mich. Ind.  
   34. *scanicus* (Payk.) 00-251 †Eur. Pa. N.J.  
   35. *ephippiatus* (Say) 31-25 Can.-Ga.  
       a. *californicus* Csy. 84-193 Cal. [So. Cal.]

**Hypolesschus** Fall 07-265

17336. *atratus* Fall 07-266 N.Mex.

**Orchestes** Ill. 04-105

17337. *ephippiatus* (Say) 31-16 Can. Cal. D.C.  
   38. *salicis* L. 58-381 Sib. Eur. Nfld.-  
       Cal. D.C.  
       *subhirtus* Horn 73-462 Ill. Wis.  
   39. *niger* Horn 73-462 N.S.-Mich.  
       D.C.  
       *parvicollis* Lec. 76-208 Colo. Nev.  
   41. *illinoisensis* Fall 13-64 Ill. [So. Cal.]  
   42. *puberulus* Boh. 58-133 Cal. So. Cal.  
   43. *canus* Horn 78-620 Mich. O. Colo.  
   44. *mixtus* Blatch. 16-282 Ind.  
   45. *pallicornis* Say 31-16 N.S. Or. Tex.  
       a. *pallidior* Leng 16-281 Nfld.  
   46. *betuleti* Horn 85-161 Md. D.C.  
   47. *rufipes* Lec. 76-208 Alas. Vt. Nfld.  
       Mass. N.Y.  
       a. *minutus* Horn 78-620 Colo. Cal.  
   48. *scutellaris* Fab. 01-495 Eur. Can.

**Xanthus** Dietz 91-269

17349. *pygmæus* Dietz 91-269 N.J. Md.  
   50. *liliputanus* Dietz 91-270 D.C.

**Acalyptus** Schön. 36-446

17351. *carpini* (Herbst) 95-204 Eur. Can. Ill.  
       Pa. N.J. Kan.  
       Wis. Mich.  
       Mass.

## PRIONOMERINI

**Prionomerus** Schön. 36-359

- (*Odontopus* Say 31-15)  
 17352. *calceatus* (Say) 31-15 N. Eng. Mich.  
       *carbonarius* Gyll. 36-360 [Fla.]

**Piazorhinus** Schön. 36-471

- (*Momonus* Say mss.)  
 17353. *scutellaris* (Say) 26-252 N. Eng. Neb.  
       Ga.

**Piazorhinus** Schön.

17354. *pictus* Lec. 76-211 Can. Fla. Wis.  
   55. *thoracicus* Csy. 10-128 Fla.  
   56. *tuberculatus* Blatch. 16-324 Fla.

\* The synonymy of the species under the query mark was corrected after the serial numbers were assigned; 17297, assigned originally to *æneotinctus*, a synonym of *eugenii* Cano (the pepper weevil) is thereby eliminated. Mr. H. S. Barber tells me that *varipes* Duval (No. 17244) may also prove to be identical with *mexicanus* Boheman.

† Introduced.

## CIONINI

Casey 10

**Nanophyes** Schön. 37-780

17357. pallidulus (Grav.) 07-203

†Eur.(N.J. La.  
Colo.)**Cionus** Clairville 98-64

17358. scrophulariæ (L.) 58-380

†Eur.(La.?)  
Sib.

## MECININI

Casey 10

**Gymnetron** Schön. 26-319

17359. tetrum (Fab.) 01-448

†Eur.Can. Ga.  
Ia. Sib. Pa.  
W.Va.O. N.Y.  
Mich.**Miarus** Steph. 31-15

17360. hispidulus Lec. 76-221

a. consuetus Csy. 10-143

61. puritanus Csy. 10-144

a. nanus Csy. 10-144

b. illini Csy. 10-144

Tex. Que.Fla.

Kan.

Mass. Ind.Ct.

Mass.

Ill.

## CLEONINI

Leconte 76; Casey 91

**Dinocleus** Csy. 91-176

(Centrocleonus || Lec. 76-145)

17362. hystrix Fall 13-41

So.Cal.

63. pilosus Lec. 76-145

Cal. So.Cal.

64. jacobinus Csy. 91-179

So.Cal.

65. angularis (Lec.) 59-18

Kan. N.Mex.

66. denticollis Csy. 91-180

Ariz.

67. porcatus Csy. 04-321

Ut.

68. porosus Lec. 76-146

L.Cal.

69. farctus Csy. 91-181

So.Cal.

70. saginatus Csy. 91-182

Ariz.

71. albovestitus Csy. 91-183

So.Cal.

72. interruptus Csy. 04-322

Ut.

73. molitor (Lec.) 53-78

So.Cal.Ariz.

74. wickhami Csy. 91-184

So.Cal.

75. densus Csy. 91-185

Ariz.

**Cleonus** Schön.

17394. basalis Fall 97-242

So.Cal.

95. lobigerinus Csy. 91-191

Ariz. So.Cal.

96. kirbyi Csy. 91-188

Or. Cal.

vittatus † Lec. 76-152 nec

Kby.

97. vittatus Kby. 37-199

H.B.T.So.Cal.

poricollis (Mann.) 43-291

Cal.

virgatus Lec. 76-150

So.Cal. Ariz.

98. modestus (Mann.) 43-291

Ariz.L.Cal.

californicus (Mots.) 45-378

[So.Cal.]

pleuralis (Lec.) 76-155

So.Cal.

99. circumductus Csy. 91-192

Ariz.

17400. texanus (Lec.) 76-155

Tex.

01. subcylindricus Csy. 91-193

Fla.

\*\*

02. graniferus Csy. 91-194

Fla. Ga.

**Cleonus** Schön. 26-145

(Stephanocleonus Mots. 60-539)

17376. plumbeus Lec. 76-146

Me.-H.B.T.

77. cristatus Lec. 76-147

Utah [N.Mex.]

(Apleurus Chev. 75-78)

(Cleonopsis Lec. 76-147)

(Cleonaspis Lec. 76-153)

78. pluvireus (Lec.) 59-18

Kan.Ariz.

79. lutulentus (Lec.) 59-18

N.Mex.

(Cleonidius Csy. 91-186)

(Cleonus Lec. 76-148)

(Apleurus Chev. pars)

80. collaris Lec. 76-149

Colo.

81. grandirostris Csy. 91-189

N.Mex.Wy.

82. inornatus Lec. 76-149

So.Cal.

83. pacificus Fall 01-260

So.Cal.

84. canescens Lec. 76-151

Colo.

85. carinicollis Lec. 76-152

Colo. (Fla.)

86. trivittatus Say 31-10

Colo. [N.C.?)

præpotens Say 31-21

87. bicarinatus Csy. 91-190

Tex.

88. lecontei Csy. 91-190

Ariz.

\*

89. calandroides (Rand.) 38-42

90. sparsus Lec. 76-152

Mass. Ct. R.I.

91. frontalis Lec. 76-150

Colo.

puberulus Lec. 76-151

Wy.Nev.(Ill.?)

92. quadrilineatus (Chev.) 75-80

Nev.

93. erysimi Fall 01-261

Tex. Ariz.

So.Cal.

**Lixus** Fab. 01-98

17403. caudifer Lec. 76-156

Ill.B.C.Ind.

04. auctus Lec. 57-57

Or. [Ia.]

05. rubellus Rand. 38-41

Que.Mass.

06. asper Lec. 76-156

So.Cal. [Wis.]

07. lupinus Blatch. 14-248

Fla.

08. placidus Lec. 76-159

Colo.

09. amplexus Csy. 91-199

Fla.

10. oregonus Csy. 91-200

Or.

11. eximius Csy. 91-201

Tex.

12. tenellus Csy. 91-201

Tex.

13. leptosomus Blatch. 14-249

Fla.

14. marginatus Say 31-13

N.Y.Fla. Ia.

sylvius † Lec. 76-156 nec

Boh.

15. musculus Say 31-14

Can.N.J.Tex.

punctinatus Lec. 76-157 ♂

Ind.O. [Colo.]

16. parvus Lec. 76-157

Cal.

17. pygmæus Csy. 91-203

Kan.

18. concavus Say 31-14

N.Eng.Id.La.

rectus Lec. 76-158

N.Y. [Fla.]

19. mucidus Lec. 76-158

Ill.Ind.O.

20. soror Csy. 91-204

Mont.

21. perlongus Fall 13-39

Ariz.

22. laramiensis Csy. 91-204

Wy.

23. mixtus Lec. 76-416

Colo.

24. sobrinus Csy. 91-205

Tex.

25. sylvius Boh. 44-430

Pa.Fla.Ky.

scrobicollis † Lec. 76-159 nec

Boh.

26. scrobicollis Boh. 36-84

Va.Fla.Ark.

lateralis || Say 31-14

[Tex.]

læsicollis Lec. 58-78

Tex.

27. morulus Blatch. 16-339

Ind.

† Introduced.



**Lixus** Fab.

17428. perforatus Lec. 76-159 Cal. So. Cal.  
 29. peninsularis Fall 13-40 L. Cal.  
 30. scnivittatus Csy. 91-207 Ariz. Utah  
     So. Cal.  
 31. maritimus Fall 13-39 So. Cal.  
 32. fimbriolatus Boh. 26-42 Ill. Colo. Tex.  
     macer Lec. 76-160 Ind.  
 33. deceptus Blatch. 16-341

**Lixus** Fab.

17434. julichi Csy. 91-208 N. J. D. C.  
 35. luculentus Csy. 91-209 Fla.  
 36. nitidulus Csy. 91-210 Ind.?  
 37. fossus Lec. 76-416 Fla.  
 38. obesulus Csy. 91-211 Fla.  
 39. terminalis Lec. 76-157 L. I. N. Eng.  
     Fla. Ia.  
 40. sexualis Csy. 91-212 Tex.

## STERNECHINI

**Sternechus** Schön. 26-251

(*Sternuehus* † auct.)  
 (*Plectromodes* Csy. 95-829)

**Sternechus** Schön.

17441. armatus Csy. 95-831 Ill. N. C. Fla.  
     spinifer Boh. † auct.  
 42. paludatus Csy. 95-830 Ariz.

## LÆMOSACCINI

**Læmosaccus** Schön. 26-50

17443. plagiatus (Fab.) 01-485 Mass. Fla.  
     Colo. Ariz.  
     nephele (Hbst.) 95-54 N. C.

**Læmosaccus** Schön.

17444. texanus Champ. 03-285 Tex. Mex.

## BARINI

Leconte 68; Casey 92; Blatchley & Leng 16

*Barides***Baris** Germ. 17-340

(*Baridius* Schön. pars)

17445. ingens Csy. 92-476 Ariz.  
 46. striata (Say) 31-17 Mich. Mont.  
     Ariz.  
 47. umbilicata (Lec.) 68-363 L. I. Mich. Fla.  
 48. carbonaria Blatch. 16-351 Can. [Colo.  
 49. arizonica Csy. 92-478 Ariz.  
 50. hispidula Csy. 92-479 Colo.  
 51. texana Fall 13-68 Tex.  
 52. gravida Csy. 92-479 Tex.  
 53. strenua (Lec.) 68-363 Ind. Wis. Ariz.  
     (Fla.?)  
 54. callida Csy. 92-481 Ga. N. J.  
     ?transversa Say 31-18 Wis. N. C.  
 55. subovalis (Lec.) 68-363 Tex.  
 56. xanthii Pierce 07-379 Fla.  
 57. lubrica Csy. 92-482 N. Y. Mich.  
 58. tumescens (Lec.) 68-362 Fla. [Fla. Tex.  
 59. nitida Lec. 76-292 La. Ark. Colo.  
 60. soluta Csy. 92-484 Fla.  
 61. floridensis Csy. 92-485 N. J. D. C. Ark.  
 62. subænea (Lec.) 68-361 Ariz.  
 63. vespertina Csy. 92-486 Ariz.  
 64. texta Fall 13-70 Tex.  
 65. pruinina Fall 13-71 So. Cal.  
 66. hcterodoxa Fall 01-267 Colo.  
 67. oblongula Csy. 92-487 N. Eng. Colo.  
 68. interstitialis (Say) 23-314 Fla. Tex. Ariz.  
     transversa † Csy. 92-487  
     quadrata (Lec.) 68-361  
     carinulata (Lec.) 58-79  
 69. dilatata Csy. 92-488 Cal. So. Cal.  
 70. cuneipennis Csy. 92-489 Tex. [Ariz.  
 71. aprica Csy. 92-490 Ariz. Colo.  
 72. apricoides Fall 13-69 N. Mex. Ariz.  
 73. peninsulæ Horn 94-447 L. Cal.  
 74. monticola Fall 01-268 So. Cal.

**Baris** Germ.

17475. dolosa Csy. 92-490 L. I. - Ia.  
 76. zuniana Csy. 92-491 Ariz.  
 77. opacula Csy. 92-492 Cal.  
 78. porosicollis Csy. 92-492 Neb.  
 79. punctiventris Csy. 92-493 La. Mo. Ind.  
 80. canadensis Blatch. 16-357 Can.  
 81. rubripes Csy. 92-494 Cal. So. Cal.  
 82. sparsa (Lec.) 68-364 Or. Cal.  
 83. nevadica Fall 13-71 Nev.  
 84. brunneipes Csy. 92-495 Cal.  
 85. deformis Csy. 92-496 N. C. - Ia.  
 86. futilis Csy. 92-497 So. Cal.  
 87. inconspicua Csy. 92-498 Colo.  
 88. monardæ Pierce 07-380 Tex.  
 89. confinis (Lec.) 68-362 N. Eng. Ia. Fla.  
 90. subsimilis Csy. 92-499 Pa. Colo. [Tex.  
 91. socialis Csy. 92-499 Ind. Tex.  
 92. aperta Csy. 92-500 Dak. Ind.  
 93. abrupta Csy. 92-501 Pa.  
 94. tenuistriata Csy. 92-501 Cal.  
 95. macra (Lec.) 57-58 Cal.  
 96. discipula Csy. 92-503 Ind. D. C.  
 97. ærea (Boh.) 45-141 N. J. O. Fla.  
 98. scintillans Csy. 92-504 Fla. [Tex.  
 99. æneomicans Csy. 92-505 Mass. Fla.  
 17500. hyperion Csy. 92-505 Fla.  
 01. vitreola Csy. 92-506 Fla.  
 02. ancilla Csy. 92-507 Fla.  
 03. splendens Csy. 92-507 Fla.  
 04. exigua Csy. 92-508 Tex.

\*

05. scolopacea Germ. 24-202 † Eur. R. I. - Pa.

**Baridius** Schön. 26-308

- californicus Mots. 45-372 Cal.  
 — californicus Boh. 59-137 Cal.?  
 — confertus Boh. 36-728 Fla.

† Introduced.

- Plesiobaris** Csy. 92-509  
 17506. *T-signum* (Boh.) 45-154 N.J. D.C.  
     a. *signatipes* Csy. 92-510 Fla. [Mich.  
     07. *albilatus* (Lec.) 76-298 Fla.(N.J.  
     08. *æmula* Csy. 92-512 Fla. [Ind.?)  
     09. *disjuncta* Csy. 92-513 Mass.S.C.Mo.
- Stenobaris** Linell 97-52  
 17510. *avicenniæ* Linell 97-52 Fla.
- Pycnobaris** Csy. 92-514  
 17511. *pruinosa* (Lec.) 76-294 Tex. Colo.  
     12. *squamotecta* Csy. 92-515 Tex.  
     13. *nigrostriata* Fall 13-72 Cal.
- Stictobaris** Csy. 92-516  
 17514. *cribrata* (Lec.) 76-296 Tex.  
     15. *pimalis* Csy. 92-517 Ariz.  
     16. *subacuta* Csy. 92-518 N.Mex.
- Trepobaris** Csy. 92-519  
 17517. *elongata* Csy. 92-519 Tex.
- Glyptobaris** Csy. 92-520  
 17518. *rugicollis* (Lec.) 76-297 N.J.S.C.Ill.
- Onychobaris** Lec. 76-294  
 17519. *densa* (Lec.) 59-79 So.Cal.  
     20. *corrosa* Csy. 92-525 Colo.  
     21. *depressa* Csy. 92-525 So.Cal.  
     22. *millepora* Csy. 92-526 N.Mex. Colo.  
     23. *austera* Csy. 92-527 So.Cal.  
     24. *insidiosa* Csy. 92-528 Tex. So.Cal.  
     25. *subtonsa* Lec. 76-295 Tex.Kan.Colo.  
     26. *rufa* Linell 97-53 Utah  
     27. *arguta* Csy. 92-529 Cal.So.Cal.  
     28. *audax* Csy. 92-530 So.Cal.  
     29. *stictica* Csy. 92-530 Ariz.  
     30. *mystica* Csy. 92-531 Ariz. Tex.  
     31. *cgena* Csy. 92-532 Ariz.  
     32. *ambigua* Csy. 92-533 Ariz.  
     33. *pauperella* Csy. 92-533 Ariz.  
     34. *seriata* (Lec.) 57-58 Cal.  
     35. *remota* Csy. 92-535 Tex.  
     36. *distans* (Lec.) 68-363 N.Mex.  
     37. *molesta* Csy. 92-536 Ariz.  
     38. *illex* Csy. 92-537 Colo.  
     39. *pectorosa* Lec. 76-295 (?Conn.) Mo.  
     40. *diluta* Csy. 92-538 Tex. [Tex.  
     41. *porcata* Csy. 92-539 Ariz.
- Madarellus** Csy. 92-540  
     (*Madarus* ‡ auct. nec Schön.)  
 17542. *undulatus* (Say) 23-315 Fla.Atl.St.  
     43. *punctatus* Fall 09-169 Kan.Tex.  
     44. *cuneatus* Csy. 93-603 L.Cal.  
     Tex.
- Aulobaris** Lec. 76-288  
 17545. *nasuta* (Lec.) 68-364 Kan.Ia.Miss.  
     *naso* Lec. 76-299  
     46. *pusilla* (Lec.) 68-363 N.Y.N.C.Ia.  
     47. *scolopax* (Say) 31-26 D.C.Ga.Tex.  
     Wis.  
     48. *ibis* (Lec.) 68-365 N.J.Fla.Miss.  
     49. *dux* Csy. 92-546 Neb.
- Ampelogypter** Lec. 76-299  
 17550. *ater* Lec. 76-300  
     *ampelopsidos* (Walsh) 69-105 Me.N.Eng.  
     Mich. Ind.  
     51. *longipennis* Csy. 92-549 Pa.S.C.Neb.  
     52. *sesostris* (Lec.) 68-364 Mo.W.Va.-  
     *vitis* Riley 69-131 [Minn.
- Desmoglyptus** Csy. 92-550  
 17553. *crenatus* (Lec.) 76-300 Va.Md.D.C.
- Pseudobaris** Lec. 76-297  
 17554. *farcta* (Lec.) 68-362 Kan.Colo.  
     55. *luctuosa* Csy. 92-554 Fla. [Ariz.  
     56. *sobrina* Blatch. 16-373 Wis.Ind.D.C.  
     57. *discreta* Csy. 92-554 Tex.  
     58. *fausta* Csy. 92-555 Ariz.  
     59. *pectoralis* Lec. 76-420 Fla.  
     60. *lugubris* Csy. 92-557 N.Mex.  
     61. *angusta* (Lec.) 68-363 Can.Dak.Kan.  
     62. *nigrina* (Say) 31-31 E.U.S. Fla.  
     63. *cæolata* Csy. 92-559 N.Mex.  
     — *anthracina* (Boh.) 36-727 N.Am.
- Hesperobaris** Csy. 92-559  
 17564. *suavis* Csy. 92-560 Tex. Mo.
- Microbaris** Csy. 92-560  
 17565. *galvestonica* Csy. 92-561 Tex.
- Trichobaris** Lec. 76-287  
 17566. *trinotata* (Say) 31-17 Can.Fla.Colo.  
     *vestita* (Boh.) 36-718  
     *plumbea* (Lec.) 68-364  
     67. *mucorea* (Lec.) 58-79 L.Cal.Ariz.  
     68. *insolita* Csy. 92-565 Fla. [So.Cal.  
     69. *compacta* Csy. 92-566 So.Cal.Ariz.  
     70. *texana* Lec. 76-288 Tex. Colo.  
     71. *cylindrica* Csy. 92-567 Ariz.
- Rhoptobaris** Lec. 76-287  
 17572. *canescens* Lec. 76-287 Colo.
- Orthoris** Lec. 76-286  
 17573. *crotchii* Lec. 76-286 Cal.Tex.Neb.  
     74. *cylindrifer* Csy. 92-571 Ariz.

*Centrinides*

- <sup>1</sup> **Geræus** Pascoe 39-322  
     (*Centrinus* ‡ auct.)  
     \*
17575. *punctirostris* Lec. 76-309 Colo.  
     76. *lævirostris* Lec. 76-309 Mo. Ind.  
     77. *striatirostris* Lec. 76-309 Tex.(Ohio?)  
     78. *modestus* Boh. 36-772 Pa. Fla.  
     79. *tortuosus* Csy. 92-580 Tex.  
     \*\*
80. *picumnus* (Hbst.) 97-30 N.Eng.Neb.  
     *olivaceus* Gyll. 36-763 [Fla.Ariz.  
     *sutor* Harris 37-81
- Geræus** Pascoe  
     \*\*\*  
 17581. *albotectus* Csy. 92-582 N.J.Fla.Tex.
82. *perscillus* Gyll. 36-762 Fla.-Minn.  
     a. *neglectus* Lec. 76-310 Tex. La.Kan.  
     b. *grisescens* Csy. 92-583 N.C.Ind.Mo.  
     83. *finitimus* Csy. 92-585 Tex. Mo.  
     84. *hospes* Csy. 92-585 Ariz.  
     85. *clarescens* Csy. 92-586 D.C.  
     86. *perscitus* (Herbst) 97-28 N.J.Ga.Ind.  
     87. *exulans* Csy. 92-588 N.Mex. [Tex  
     \*\*\*\*

. <sup>1</sup> All authors' names should be in parentheses.

**Geræus** Pascoe

88. senilis Gyll. 36-759 Ariz.

\*\*\*\*\*

89. acuminatus Csy. 92-590 • Tex. Ariz.

90. globifer Csy. 92-591 Tex.

\*\*\*\*\*

91. penicellus (Herbst) 97-29 N.Y. Fla. Ia. La.  
holosericeus Gyll. 36-760  
pubescens (Uhler) 55-417  
?aratus Say 31-26 Mo.

\*\*\*\*\*

92. lineellus Lec. 59-79 "Cal."  
(N. Am.?)

\*\*\*\*\*

93. capillatus Lec. 76-311 Tex.

nubecula Csy. 92-594 ♀ Tex.

94. clientulus Csy. 92-594 Tex.

\*\*\*\*\*

95. falsus Lec. 76-315 Ala. Ia.

— dilectus Harris 36-79 ?

— pistor Germ. 36-170

(Linonotus Csy. 92-603)

96. distinctus (Boh.) 44-187 Brazil, Tex.?

**Odontocorynus** Schön. 44-271

17597. scutellum-album (Say) 31-21

N. Eng. Colo.

Fla. Tex.

98. denticornis Csy. 92-597 N.C. La. Kan.

99. salebrosus Csy. 92-598 N.Y. Colo. Fla.

17600. pinguescens Csy. 92-599 Ark. Ind. [Tex.

01. pulverulentus Csy. 92-600 N.C. Tex. Colo.

**Centrinopus** Csy. 92-601

17602. alternatus Csy. 92-602 Md.

helvinus Csy. 92-602 Ind. Ill.

**Pachybaris** Lec. 76-302

17603. porosa Lec. 76-302 Fla.

04. xanthoxyli Linell 97-53 Tex.

05. strigapunctus Ham. 93-309 Pa.

**Microcholus** Lec. 76-303

17606. striatus Lec. 76-304 N.J. Fla.

07. puncticollis Lec. 76-304 Fla.

**Nicentrus** Csy. 92-608

17608. lecontei Champ. 08-312 N. Eng. S.C.

lineicollis ‡ Csy. 92-610 nec Boh. [Ill. Tex.

09. lineicollis (Boh.) 44-221 Ill. Ia. Tex.

ingenuus Csy. 92-610

10. scitulus Csy. 92-611 Tex.

11. decipiens (Lec.) 76-313 Pa. Fla. Kan.

12. effetus Csy. 92-613 Fla. [Tex.

13. contractus Csy. 92-613 Fla.

14. grossulus Csy. 93-599 Fla.

canus ‡ Csy. 92-614 nec Lec.

15. neglectus Blatch. 16-392 Fla.

**Centrinites** Csy. 92-615

17616. strigicollis Csy. 92-616 N.C. Ky. Mo.

**Calandrinus** Lec. 76-305

17617. grandicollis Lec. 76-305 Colo.

18. insignis Csy. 92-619 Colo.

19. obsoletus Csy. 92-620 Colo.

**Centrinogyna** Csy. 92-620

17620. strigata (Lec.) 76-421 Colo. Wy.

**Centrinogyna** Csy.

17621. procera Csy. 92-622 Cal.

**Limnobaris** Bedel 88-183

\*

17622. bradata Csy. 92-627

robusta (Linell) 97-53

23. limbifer Csy. 92-628

24. blandita Csy. 92-628

25. tabida Csy. 92-629

26. deplanata Csy. 92-630

27. punctiger (Lec.) 76-314

28. denudata Csy. 92-632

29. planiuscula Csy. 92-633

30. nasuta (Lec.) 59-79

31. oblita Csy. 92-634

32. seclusa Csy. 92-635

\*\*

33. grisea (Lec.) 76-312

\*\*\*

34. confusa (Boh.) 36-740

35. ebena Csy. 92-638

36. puteifer Csy. 92-639

37. confinis (Lec.) 76-317

38. concurrens Csy. 92-640

39. concinna (Lec.) 76-316

40. fratercula Csy. 92-642

41. seminitens Csy. 92-642

\*\*\*\*

42. proluxa (Lec.) 76-317

43. nitidissima Csy. 92-644

\*\*\*\*\*

44. longula (Lec.) 76-316

45. cana (Lec.) 76-421

longula var. Csy. 92-646

46. rectirostris (Lec.) 76-315

47. tenua Blatch. 16-402

48. calva (Lec.) 76-314

**Oligolochus** Csy. 92-648

17649. convexus (Lec.) 76-422 Fla. D.C.

50. longipennis Linell 97-54 Tex.

**Idiostethus** Csy. 92-649

17651. tubulatus (Say) 31-20 N.Y. Fla. Wis.

52. subcalvus (Lec.) 78-622 Pa.-Mo.

53. ellipsoideus Csy. 92-652 Ill. Ia. Mo.

54. dispersus Csy. 92-652 Ala.

**Stethobaris** Lec. 76-302

17655. corpulenta Lec. 76-420 Fla.

56. cicatricosa Csy. 93-600 Tex.

57. incompta Csy. 92-655 Ind. Mich.

D.C.

58. commixta Blatch. 16-407 Mass. D.C.

ovata ‡ Csy. 92-656 nec Lec. [Ind.

59. ovata (Lec.) 68-363 Mass. -Mo.

congermana Csy. 92-657

60. egregia Csy. 92-657 Ariz.

**Zaglyptus** Lec. 76-236

17661. striatus Lec. 76-237 Pa. D.C. O.

62. sulcatus Lec. 76-237 Ala. D.C. O.

Ind.

**Oomorphidius** Csy. 92-659

17663. erasus (Lec.) 78-217 Kan.

64. laevicollis (Lec.) 76-304 Mo. D.C. Ga.

Fla.



**Eisonyx** Lec. 78-216

17665. *crassipes* Lec. 78-217 Tex.  
     (*Eumononycha* Csy. 93-601)  
 66. *opaca* Csy. 93-601 Tex.  
 67. *picipes* Pierce 16-472 Tenn.

**Zygobaris** Lec. 76-317

17668. *nitens* Lec. 76-318 Fla.  
 69. *xanthoxyli* Pierce 07-383 Tex.

**Zygobarinus** Pierce 07-385

17670. *cœlestinus* (Linell) 97-55 Fla.

**Catapastus** Csy. 92-664

17671. *conspersus* (Lec.) 76-318 O.Mich.Ia.  
 72. *albonotatus* Linell 97-56 Fla. [(Fla.?)  
 73. *signatipennis* Linell 97-55 Fla.  
 74. *diffusus* Csy. 92-665 Fla.

**Barinus** Csy. 86-255

17675. *bivittatus* (Lec.) 78-431 Ga. Fla.  
 76. *cribricollis* (Lec.) 76-422 Fla. Mich.  
 77. *squamolineatus* Csy. 86-256 Ill. Ind. Ia.  
 78. *suffusus* Csy. 92-670 Tex.  
 79. *difficilis* Csy. 92-671 So. Cal.  
 80. *lutescens* (Lec.) 78-218 Tex.  
 81. *curticollis* Csy. 92-673 Mo. La. D.C.  
 82. *albescens* (Lec.) 78-218 Tex. N.J.  
 83. *linearis* (Lec.) 76-422 Fla.

**Barilepton** Lec. 76-318

17684. *filiforme* Lec. 76-319 N. Eng. Mich.  
 85. *famelicum* Csy. 92-677 Colo. [Neb.  
 86. *quadricolle* Lec. 76-423 Neb.-N.J.  
 87. *falciger* Csy. 92-678 So. Cal.

**Eunyssobia** Csy. 92-679

- (*Euchætes* || Lec. 76-319)  
 17688. *echidna* Lec. 76-320 O.-Ia.

**Amercedes** Csy. 93-602

- (*Zygobaroides* Pierce 07-384)  
 17689. *subulirostris* Csy. 93-603 Tex.  
     *schwarzi* Pierce 07-384 La.

**Plocamus** Lec. 76-320

17690. *hispidulus* Lec. 76-320 N.J. D.C. Ohio.

**Acythopeus** Pasc. 74-61

- (*Acyptothus* † auct.)  
 17691. *orchivora* Blackb. 00-61 † Australia,  
     N.J.  
 92. *aterrimus* Waterh. 74-226 † Philippine Is.  
     D.C.  
 93. *gilvonotatus* Barber 17-17 † Philippine Is.  
     D.C. N.J.

**Diorymerellus** Champ. 08-252

- (*Diorymellus* † Champ. 16-200)  
 17694. *lævimargo* Champ. 16-200 † Conn. Wis.  
     N.J.  
 No. 17695 is omitted through error in serial number-  
 ing.

## ZYGOPINI

Heller 95; Casey 97; Fall 06

**Zygops** Schön. 26-300

17696. *seminiveus* Lec. 84-31 Ariz.  
 97. *suffusus* Csy. 92-459 S.W. Tex.  
 98. *adustus* Fall 06-61 Ariz.

**Gelus** Csy. 97-667

- (*Piazurus* † Lec. 76-260)  
     (*Lechriops* Schön. 26-306 pars)  
 17699. *oculatus* (Say) 24-308 N. Eng. Ia. Fla.  
 17700. *floridanus* (Fall) 05-61 Fla.  
     01. *subfasciatus* (Lec.) 76-260 N.Y. Pa.  
     02. *californicus* (Lec.) 76-260 Cal. So. Cal.  
     Ariz.

**Gyrotus** Csy. 97-668

17703. *munitus* Csy. 97-668 So. Cal.

**Cylindrocopturus** Heller 95-56

- (*Copturus* † Lec. 76)  
     (*Copturodes* Csy. 97-669)  
 17704. *horridus* (Fall) 06-56 L. Cal.  
 05. *quadridens* (Horn) 94-446 L. Cal.  
 06. *jatrophae* (Fall) 06-56 Ariz.  
 07. *flicornis* (Fall) 06-57 Tex.  
 08. *mammillatus* (Lec.) 76-262 So. Cal.-Tex.  
 09. *princeps* (Fall) 06-58 So. Cal.  
 10. *littoralis* (Fall) 06-58 So. Cal.  
 11. *mediinotus* (Fall) 06-59 So. Cal.  
 12. *binotatus* (Lec.) 76-263 N.Y. Ga. Tex.  
 13. *adpersus* (Lec.) 76-262 Kan.-So. Cal.  
     a. *cockerelli* (Csy.) 97-671 N. Mex.  
     *suturalis* (Csy.) 97-672 Utah, Ariz.  
     b. *koebelei* (Csy.) 97-672 No. Cal.

**Cylindrocopturus** Heller

17714. *missourianus* (Csy.) 97-673 Mo.  
 15. *centropictus* (Fall) 06-60 Tex.  
 16. *operculatus* (Say) 24-308 Ind. Dak. Tex.  
 17. *sparsus* (Csy.) 97-673 La.  
 18. *nanulus* (Lec.) 76-261 Tex. Fla. Md.  
     a. *floridanus* (Csy.) 97-674 Fla. [Ia.  
 19. *quercus* (Say) 31-20 N.Y. Ga. Ia.  
     *cavifrons* (Csy.) 97-675 Ky.  
     a. *frontalis* (Csy.) 97-674 Ind. D.C.  
 20. *lunatus* (Lec.) 76-263 Cal.  
 21. *longulus* (Lec.) 76-263 Can. D.C.  
     *subcupreus* (Csy.) 97-677 Mass. [So. Cal.  
     *obscurus* (Csy.) 97-677 Colo.  
     a. *nubilatus* (Csy.) 97-676 Cal.  
     *mucidos* (Csy.) 97-676 No. Cal.  
     b. *dispersus* (Csy.) 97-678 Can. Ky.  
 22. *dehiscens* (Fall) 06-60 Cal.

**Eulechriops** Faust 96-91

- (*Zygomicrus* Csy. 97-679)  
 17723. *minutus* (Lec.) 24-171 N.J.-Ga.  
 24. *sobrinus* (Horn) 95-256 L. Cal.  
 25. *pictus* Schffr. 08-219 Ariz.

**Acoptus** Lec. 76-264

17726. *suturalis* Lec. 76-264 Can. Ga. Mich.

**Psomus** Csy. 92-458

17727. *armatus* (Dietz) 91-268 Pa.  
     *politus* Csy. 92-459 Ind. O. N.J.  
     Que.

† Introduced in Orchid houses.

## CEUTORHYNCHINI

Dietz 96; Blatchley &amp; Leng 16

*Mononychi***Mononychus** Germ. 24-241

17728. vulpeculus (Fab.) 01-450 Can. Ga. Wis.

*Cæliodes***Craponius** Lec. 76-268

17729. inæqualis (Say) 31-20 N.Eng. Fla. Mo.

**Cnemogonus** Lec. 76-26917730. lecontei Dietz 96-392 Can. B.C. Pa.  
epilobii ‡ Lec. 76-269 nec Payk.**Acanthoscelis** Dietz 96-393

17731. californicus Dietz 96-394 Cal.  
 32. frontalis Dietz 96-395 Cal.?  
 33. griseus Dietz 96-395 Mont.  
 34. ilex Dietz 96-396 Mont.  
 35. curtus (Say) 31-29 N.Eng. Mont. Ariz.  
 36. acephalus (Say) 24-309 Can. Ga. Colo. [Ariz.]  
 subulirostris (Gyll.) 37-288  
 leprosus (Boh.) 44-394  
 a. tenebrosus Dietz 96-398 Utah, Colo.  
 37. tarsalis Dietz 96-398 Tex.  
 38. guttatus Dietz 96-399 Tex.  
 39. perplexus Dietz 96-400 Neb. Cal.  
 40. mendicus Dietz 96-400 Ga. Fla. Tex.  
 41. pusillus Dietz 96-401 Tex.

**Auleutes** Dietz 96-402

\*

17742. curvipes Dietz 96-403 Tex.  
 43. asper (Lec.) 76-270 Can. Tex.  
 44. tenuipes (Lec.) 76-270 Can. Tex.  
 45. ater Dietz 96-405 Me. Mass.

**Auleutes** Dietz

17746. tuberculatus Dietz 96-406 Ariz.  
 47. subfasciatus Dietz 96-406 Mich.S.C.Tex.  
 48. tachygonoides Dietz 96-407 D.C. Fla. Tex. Mass.  
 49. marionis Fall 13-68  
 50. longirostris Dietz 96-407 Tex.  
 51. cruralis Lec. 76-270 N.J. Nfld. Pa.  
 ?epilobii (Payk.) 00-259 Eur. [Tex.]  
 \*\*  
 52. nasalis (Lec.) 76-271 Tex.  
 53. nebulosus (Lec.) 76-271 Can.Fla. Miss.

**Pelenosomus** Dietz 96-411

17754. cristatus Dietz 96-411 D.C. Ala.

**Hypocæliodes** Faust 96-100

(Orchestomerus Dietz 96-412)

17755. ulkei (Dietz) 96-413 N.Y.  
 56. wickhami (Dietz) 96-414 Tex.

**Acallodes** Lec. 76-271

17757. ventricosus Lec. 76-272 D.C. Pa. N.J. Mass. [Mich.]  
 58. lysimachiae Fall 13-67  
 59. saltoides Dietz 96-416 Md.-Minn.

**Cæliodes** Schön. 37-282

17760. flavicaudis Boh. 44-397 N.Am.  
 apicalis Dietz 96-417 Can.-Tex.  
 61. vitiosus Dietz 96-418 Pa.

*Ceutorhynchi***Ceutorhynchus** Germ. 24-217

(Ceuthorrhynchidius Duv. 54-60)

17762. subpubescens Lec. 76-273 So. Cal. Ut.  
 63. pervestitus Fall 01-267 Cal.  
 64. rapæ Gyll. 37-547 ‡Eur. Can. Cal.  
 affluens Dietz 96-421  
 65. sulcicollis (Payk.) 00-217 ‡Eur. Md.  
 66. quadridens (Panz.) 96-13 ‡Eur. Mass. [N.Y.]  
 seriesetosus Dietz 96-422  
 67. marginatus (Payk.) 92-27 ‡Eur. Mass. O.  
 ?sericans ‡ Dury nec Lec.  
 68. isolatus Dietz 96-422 Mont. Nev. Cal.  
 69. rudis Lec. 76-275 Kan. Nev.  
 70. notatulus Fall 07-269 N. Mex.  
 71. sericans Lec. 76-275 Cal.-Ia. Ariz.  
 72. solitarius Fall 07-269 Colo.  
 73. angulatus Lec. 76-277 So. Cal. Vanc.  
 74. consanguineus Dietz 96-426 Nev.  
 75. disturbatus Dietz 96-426 So. Cal. Vanc. B.C.  
 76. obliquus Lec. 76-278 So. Cal. Tex.  
 77. tau Lec. 76-278 Tex.  
 78. invisus Fall 17-388 Man.  
 79. cchinatus Fall 17-386 Man.

**Ceutorhynchus** Germ.

17780. ovipennis Dietz 96-428 Cal. B.C.  
 81. sulcipennis Lec. 76-274 Can. Ala. Kan.  
 82. decipiens Lec. 76-275 Can. N.C. Cal.  
 83. cyanipennis Germ. 24-235 ‡Eur. Can. Md. [Cal.]  
 erysimi ‡ auct. nec Fab.  
 ?æratius Dietz 96-431 Ohio  
 84. bolteri Dietz 96-432 Ill.-N.Y.  
 hirticollis Dietz 96-433 Ill. Wis.  
 85. armatus Dietz 96-433 Tex.  
 86. pollinosus Dietz 96-434 Cal.  
 87. horni Dietz 96-435 So. Cal.  
 88. nodipennis Dietz 96-435 So. Cal.  
 89. adjunctus Dietz 96-436 Utah, Nev.  
 stanleyi Sz. mss.  
 90. moznettei Fall 17-389 Or.  
 91. omissus Fall 17-388 Man.  
 92. mutabilis Dietz 96-437 So. Cal. Kan.  
 93. ovalis Dietz 96-438 Ill. Minn.  
 94. dietzi n.m. Pa.  
 intermedius || Dietz 96-438  
 95. numulus Dietz 96-439 Tex.  
 96. pusio Mann. 52-355 Alas. Mass.  
 hamiltoni Dietz 96-440 Mass. R.I.  
 97. neglectus Blatch. 16-447 N. Eng. D.C.  
 pusio ‡ Dietz 96-440 nec Mann. [Or.]

† Introduced.

**Ceutorhynchus** Germ.

17798. *adpersulus* Dietz 96-441 Cal. Ariz.  
 99. *pusillus* Lec. 76-276 Cal. Or.  
 17800. *pauillus* Dietz 96-442 N.Mex. Ill.  
 01. *convexicollis* Lec. 76-276 Id. Ariz. Tex.  
 a. *atomus* Dietz 96-444 Utah [So. Cal.  
 02. *anthonomoides* Dietz 96-444 D.C. Ind.  
 03. *transversus* Blatch. 16-450 Ind.  
 04. *squamatus* Lec. 76-277 Ill. D.C.  
 05. *lesquerellæ* Pierce 10-366 Tex.  
 06. *oregonensis* Dietz 96-445 Or. Id.  
 07. *siculus* Dietz 96-446 Va. Ind.  
 08. *persimilis* Dietz 96-447 Nev.  
 09. *convexipennis* Fall 17-390 Man.  
 10. *albopilosulus* Dietz 96-448 So. Cal.

**Ceutorhynchus** Germ.

17811. *tescorum* Fall 07-270 Nev. Colo.  
 12. *semirufus* Lec. 76-278 Can. N.J. Mich.  
 13. *medialis* Lec. 76-279 L. Sup. (La.?)  
 14. *erythropus* Dietz 96-450 D.C.  
 15. *morosus* Dietz 96-451 Va.  
 16. *atriculus* Dietz 96-451 Pa. D.C.  
 17. *septentrionalis* Gyll. 37-492 L. Sup. Va.  
 18. *puberulus* Lec. 76-279 Can. Tex. Cal.  
 19. *floridanus* Leng 16-452 Fla. Ala.  
 20. *zimmermanni* Gyll. 37-492 Can. Tex. N.J.

**Rileyonymus** Dietz 96-453

17821. *relictus* Dietz 96-454 Panamint  
 Valley, Cal.

*Phytobii spurii***Dietzella** Champ. 07-151

(Calogaster || Schön. 37-588)

17822. *zimmermanni* Gyll. 37-587 Nfld. Ga. Wash.  
 So. Cal.

**Dietzella** Champ.

17823. *lituratus* Dietz 96-457 Mich. Ill. Can.  
 N.H.

*Phytobii veri***Perigaster** Dietz 96-458

17824. *cretura* (Herbst) 97-70 Can. Fla. Tex.  
*quadrispinosus* (Say) 23-310  
 25. *obscurus* (Lec.) 76-283 Fla. Ga.

**Perenthis** Dietz 96-460

17826. *vestitus* Dietz 96-461 Ind. Va. Ga.

**Pelenomus** Thoms. 60-138

17827. *cavifrons* Lec. 76-282 So. Cal. Ut.  
 a. *torvipes* Dietz 96-462 Wash.  
 28. *sulcicollis* (Fähr.) 43-346 Can. Ga. Ala.  
 29. *gracilipes* Dietz 96-463 Neb. Colo.  
 30. *asperulus* Dietz 96-464 Mich. Mass.  
 31. *griseus* Blatch. 16-458 Mass. N.J.  
 32. *squamosus* Lec. 76-281 N.Y. Mich.  
 B.C.  
 33. *impressiventris* Blatch. 16-459 Ind. Mass.  
 34. *pusillus* Dietz 96-466 Fla.  
 ?*squamatus* ‡ Sz. 78-457 nec Lec.

**Mecopeltus** Dietz 96-466

17835. *fuliginosus* Dietz 96-467 Can. Tex. Or.  
 36. *scandens* Dietz 96-467 Mass. Va.  
 37. *obscurifasciatus* Dietz 96-468 Nev.

**Mecopeltus** Dietz.

17838. *æneosquamosus* Dietz 96-469 Or. Tex.  
 39. *congenialis* Dietz 96-470 Or.  
 40. *scoliasus* Dietz 96-470 Wy.

**Rhinoncus** Schön. 37-577

17841. *pericarpus* (Fab.) 01-451 Eur. Sib. Can.  
 ?*umbellæ* (Fab.) 01-450 S.C. [Tex.  
*triangularis* (Say) 31-20 Pa.  
*occidentalis* Dietz 96-471  
 42. *pyrrhopus* Boh. 45-172 Can. Tex. Colo.  
 Sib.  
 43. *longulus* Lec. 76-284 N. Eng. Ill. Fla.  
 Cal.

**Phytobius** Schön. 36-458

(Eubrychius Thoms. 60-138)

17844. *velatus* (Beck) 17-20 Eur. Mass.  
 45. *griseomicans* Sz. 91-165 Mich. [Vanc.  
 (Eubrychiopsis Dietz 96-474)  
 46. *lecontei* Dietz 96-475 Mich.

**Rutidosoma** Steph. 31-45

(Rhytidosomus ‡ auct.)

17847. *orobinus* Schiödt 59-141 Greenland  
 ?*globulus* Hbst. 95-398 Eur.

## CRYPTORHYNCHINI

Leconte 76; Blatchley &amp; Leng 16

*Ithyopori***Phyrdenus** Lec. 76-249

17848. *divergens* (Germ.) 24-282 N.J. Fla.  
*undatus* Lec. 76-249 Mo. Ga. Tex.  
 D.C.  
 49. *muriccus* (Germ.) 24-281 Fla.-Cent. Am.  
*bullatus* Csy. 92-458 Ariz.

**Conotrachelus** Schön. 37-392

(Schffr. 06-341)

(I.A. Lec) \*

17850. *tuberculicollis* Schffr. 06-339 Ariz.

**Conotrachelus** Schön.

17851. *nenuphar* (Hbst.) 97-29 Nfld.-Fla. Tex.  
*argula* (Fab.) 01-467  
*cerasi* (Peck) 19-307  
 52. *juglandis* Lec. 76-226 Que.-Ga.-Ill.  
 53. *albicinctus* Lec. 76-226 Mich. Fla. Tex.  
 54. *retentus* (Say) 31-27 Pa. Fla. Kan.  
 55. *falli* Blatch. 16-471 Ind.  
 56. *affinis* Boh. 37-429 N.J. Fla. O. La.  
 57. *compositus* Csy. 92-439 Ariz.  
 58. *seniculus* Lec. 76-227 Que. Fla. Kan.  
 Ariz.



**Conotrachelus** Schön.

17859. *elegans* (Say) 31-18 Mass.Fla.Mo.  
 60. *neomexicanus* Fall 13-66 N.Mex.  
 61. *aratus* (Germ.) 24-283 Mass.Fla.Ky.  
 62. *nivosus* Lec. 76-229 Colo.  
     *plagiatus* Lec. 76-233 Tex.  
 63. *arizonicus* Schffr. 06-340 Ariz.  
 64. *ecarinatus* Schffr. 06-340 Ariz.  
     \*\*  
 65. *rubescens* Schffr. 04-232 Tex.  
     (I.B.Lec.) \*\*\*  
 66. *cratægi* Walsh 63-311 N.Eng.Ga.Ia.  
 67. *serpentinus* Boh. 37-402 Fla. Cuba  
     *ventralis* Lec. 78-428  
 68. *adpersus* Lec. 76-230 Kan. (O.?)  
 69. *invadens* Fall 07-268 Tex.  
 70. *belfragei* Lec. 76-419 Tex. Fla.  
 71. *similis* Boh. 37-416 Ga. Fla.  
 72. *naso* Lec. 76-231 N.Y.Fla.Ind.  
 73. *carinifer* Csy. 92-440 Tex. [Tex.  
 74. *integer* Csy. 92-441 Ariz.  
     \*\*\*\*  
 75. *rotundus* Csy. 92-442 Tex.  
 76. *duplex* Csy. 92-441 So.Cal.?  
 77. *posticatus* Boh. 37-406 Can. Fla. Ia.  
 78. *lucanus* Horn 95-257 L.Cal.  
 79. *maritimus* Blatch. 17-278 Fla.  
 80. *floridanus* Fall 13-66 Fla.  
 81. *cognatus* Lec. 78-429 Fla.  
 82. *pusillus* Lec. 78-429 Fla.R.I. Ind.  
 83. *atokanus* Fall 13-65 Okla.  
 84. *geminatus* Dej. 37-322 Can. Fla. Ia.  
     *puncticollis* || Walsh 63-310  
 85. *biscayensis* Fall 17-385 Fla.  
 86. *infectus* Boh. 45-49 N.Y. Fla. Ind.  
 87. *cribricollis* (Say) 31-28 Ill.Tex.N.Eng.  
     (II Lec.) \*\*\*\*\*  
 88. *coronatus* Lec. 78-430 Fla.  
 89. *tuberosus* Lec. 76-233 Md. S.C. Ill.  
 90. *anaglypticus* (Say) 31-18 N.Eng.Fla.Ia.  
 91. *obesus* Fall 17-386 Ga.

**Conotrachelus** Schön.

17892. *leucophæatus* Fähr. 37-417 Mex.Ind.  
     (III Lec.) \*\*\*\*\* (N.J.?)  
 93. *fissunguis* Lec. 76-234 N.J.-La.  
     (IV Lec.) \*\*\*\*\*  
 94. *texanus* Schffr. 06-342 Tex.  
 95. *erinaceus* Lec. 76-235 O. D.C.Fla.  
 96. *hispidus* Lec. 76-235 Ga.D.C. [Tex.  
 97. *echinatus* Horn 95-258 So.Ariz.  
 — *confinis* Fähr. 37-430 Pa.  
 — *cristatus* Fähr. 37-438 W.I.(U.S.?)

**Ryssematus** (Chev.) Schön. 37-364  
(*Rhysssematus* † auct.)

- Horn 73; Casey 95  
 17898. *grandicollis* Csy. 95-833 Ia.  
 99. *lineaticollis* Say 24-313 Mass.Fla.Tex.  
 17900. *annectens* Csy. 95-834 Ind.?  
 01. *æqualis* Horn 73-464 Pa.Ia.Miss.  
 02. *palmaecollis* Say 31-16 Fla.Tex.D.C.  
 03. *medialis* Csy. 95-384 Ariz. [Ind.  
 04. *pubescens* Horn 73-465 Ariz.N.Mex.  
 05. *oculatus* Schffr. 09-386 Ariz. [So.Cal.  
     (*Sermysatus* Csy. 95-833)  
 06. *pruinus* Boh. 45-13 Ariz. L.Cal.  
 07. *ovalis* Csy. 92-443 Tex.  
 08. *parvulus* Csy. 95-835 N.Mex.

**Chalcodermus** Schön. 37-377

17909. *aeneus* Boh. 37-388 Md.Fla.Tex.  
 10. *inæquicollis* Horn 73-466 Ark. Fla. Ga.  
 11. *collaris* Horn 73-467 Mass.Fla.Tex.  
 12. *semicostatus* Schffr. 04-232 Tex.  
 13. *serripes* Fähr. 37-385 Tex.-Brazil  
 14. *vittatus* Champ. 04-324 Tex.-Guat.

**Chaleponotus** Csy. 92-444

17915. *elusus* Csy. 92-444 Ind.

**Microhyus** Lec. 76-237

17916. *setiger* Lec. 76-238 Pa.D.C.Ga.  
 Ind.

*Cryptorhynchi***Euscapes** Schön. 44-429

17917. *porcellus* Boh. 44-430 Fla.  
     *longulus* (Lec.) 76-244  
 18. *sulcicollis* (Lec.) 84-30 Tex.

**Tyloderma** Say 31-19

- (*Analcis* † Horn 73-467)  
 (*Tyloderma* Csy. 92-448)  
 17919. *foveolata* Say 31-19 N.Eng.Fla.  
 20. *morbillosa* (Lec.) 57-58 Cal. [Neb.  
 21. *angustula* Csy. 92-451 Tex.  
 22. *contusa* Csy. 92-452 Ark.  
 23. *maculata* Blatch. 16-491 Fla.  
 24. *fragariæ* Riley 71-42 N.J.D.C.Ill.  
 25. *variegata* (Horn) 73-468 Mich.-Fla.  
     a. *rufescens* Csy. 92-454 Ind.  
 26. *baridia* Lec. 76-249 Tex. Fla.  
 27. *subpubescens* Csy. 92-455 Tex.  
 28. *aerea* Say 31-29 Can.Fla.Tex.  
     a. *nigra* Csy. 84-56 Ill. Ind.  
 29. *punctata* Csy. 84-57 L.I.Fla.Ind.

**Micralcinus** Lec. 76-235

17930. *cribratus* Lec. 76-236 Fla.

<sup>1</sup> **Lembodes** Schön. 44-436

17931. *solitarius* Boh. 44-437 Guad. Fla.

<sup>1</sup> **Tylodes** Schön. 26-294

17932. *cladotrichis* Pierce 12-169 Tex.

**Paracamptus** Csy. 92-836

17933. *subtropicus* Csy. 95-837 Fla.

**Canistes** Csy. 92-447

17934. *schusteri* Csy. 92-447 Mo. Ky. O.

<sup>1</sup> **Eurhoptus** Lec. 76-245

17935. *pyriformis* Lec. 76-245 Ill.Pa.Tex.  
 Colo.

<sup>1</sup> **Pseudomus** Schön. 37-263

17936. *truncatus* Lec. 76-246 S.C. Ga.  
 37. *inflatus* Lec. 84-31 Fla.  
 38. *sedentarius* (Say) 31-30 Fla.

<sup>1</sup> **Acalles** Schön. 26-295

17939. *carinatus* Lec. 76-242 N.J. N.C. Ill.  
 40. *costifer* Lec. 84-30 Tex.  
 41. *inflatus* Blatch. 16-500 Md.W.Va.  
 42. *granosus* Lec. 76-243 Fla. [Ind.

<sup>1</sup> Genera so marked, with *Pseudomopsis*, constitute the subtribe, *Tylodina* (Pierce 12-160).

**Acalles** Schön.

17943. sordidus Lec. 76-243 Pa. Tex.  
       curtus Ham. 93-308 Pa.  
 44. indigenus Fall 07-268 N.Mex.  
 45. porosus Blatch. 16-501 Ind.  
 46. subhispidus Lec. 78-431 Fla.  
 47. clavatus Say 31-29 Ill.D.C.Fla.  
       ?scabrosus Mots. (Lec. 76-243) La.  
 48. crassulus Lec. 76-244 Fla. D.C.  
 49. sylvosus Blatch. 16-502 Fla.  
 50. minimus Blatch. 16-502 Fla.  
 51. pectoralis Lec. 76-245 Ill.  
 52. ventrosus Lec. 78-430 Fla.

**Pseudoacalles** Blatch. 16-504

17953. nuchalis (Lec.) 76-244 Fla. S.C.

<sup>1</sup> **Gerstæckeria** Champ. 05-470

- (*Opuntia* Pierce 12-161)  
 17954. hubbardi (Lec.) 80-216 Fla. Ala.  
 55. dilatata (Csy.) 95-837 Fla.  
       (*Gerstæckeria* s. str.)  
 56. tessellata Pierce 12-162 Wy. Colo.  
 57. profusa (Csy.) 92-446 Tex.  
 58. bifasciata (Gerst.) 60-393 Mex. Tex.  
 59. alternata Pierce 12-163 Ariz.  
       (*Philopuntia* Pierce 12-163)  
 60. nobilis (Lec.) 76-241 Tex.  
 61. basalis (Lec.) 76-241 Colo.Wy.Neb.  
 62. porosa (Lec.) 76-242 Kan.Tex.Ariz.  
 63. clathrata (Lec.) 76-242 Colo.Ariz.Tex.  
 64. opuntiae Pierce 12-165 Tex.  
 65. fasciata Pierce 12-166 Fla.  
 66. cactophaga Pierce 12-166 Tex.  
 67. turbida (Lec.) 76-242 Ariz.

**Apteromechus** Faust 96-82

17968. ferratus (Say) 31-28 N.Y.Mich.Fla.

**Micromastus** Lec. 76-246

17969. gracilis (Boh.) 58-140 Cal.

**Cryptorhynchus** Ill. 07-330

17970. parochus (Hbst.) 97-55 Can.Fla.Ia.  
 71. bisignatus Say 31-19 Can.Fla.Tex.  
       luctuosus Boh. 37-146  
       misellus Boh. 37-120

**Cryptorhynchus** Ill.

- a. tessellatus Blatch. 16-509 Fla.  
 b. obliquefasciatus Boh. 45-349 N.C.  
 17972. pumilus Boh. 37-122 Ont.Fla.Ind.  
 73. fuscatus Lec. 76-251 Mich.Fla.  
       Miss.  
 74. lapathi (L.) 46-591 Sib. †Eur.Me.  
       Dak.D.C.N.J.  
       N.Y.  
       N.J. Va. La.  
 75. obliquus Say 31-28  
       umbrosus Boh. 37-116  
 76. helvus Lec. 78-431 Fla.  
 77. brachialis Lec. 84-31 Tex.  
 78. lutosus Lec. 84-31 Fla.  
 79. lucanus Fall 09-168 L.Cal.  
 80. obtentus (Hbst.) 97-38 N.Y.Fla.La.  
       ypsilon Boh. 37-100 N.C. [Ill.  
 81. fallax Lec. 76-253 Ont.Fla.Tex.  
 82. minutissimus Lec. 76-254 Pa.Fla.La.  
 83. apiculatus Gyll. 37-121 Fla.  
 84. longus (Lec.) 76-248 Fla. Cuba  
 85. schwarzi Blatch. 16-514 Fla.  
       tylodermoides Sz. mss.  
 86. tristis Lec. 76-255 N.Y.D.C.  
       Kan.  
 87. oblongus Lec. 76-256 N.J. Fla.Tex.  
 88. lacteicollis Champ. 05-650 Ariz. Mex.

**Macromerus** Schön. 26-284

17989. moestus (Lec.) 24-171 Ga.

**Zascelis** Lec. 76-256

17990. serripes Lec. 76-257 L.Cal.  
 91. squamigera Lec. 76-257 L.Cal.  
 92. irrorata Lec. 76-257 Cal.Nev.Colo.  
 93. oblonga Horn 95-256 Ariz. [Ariz.

**Coelosternus** Schön. 26-284

- (*Leiomerus* Boh. 44-266)  
 17994. hispidulus Lec. 76-258 L.Cal.  
 95. granicollis Pierce 16-469 †Brazil, D.C.

**Baropsis** Lec. 76-258

17996. cribratus Lec. 76-259 Kan. Tex.

**Liometophilus** Fall 12-10

17997. manni Fall 12-10 Ariz.

**THECESTERNINÆ**

(Byrsopidæ)

Pierce 09

**Thecesternus** Say 31-8

- (*Lithodus* Germ. 34-420)  
 17998. foveolatus Pierce 09-335 Tex.  
 99. hirsutus Pierce 09-336 Tex.  
 18000. morbillosus Lec. 56-19  
 01. longior Lec. 56-19  
 02. humeralis (Say) 27-254 Colo.Neb.  
       rectus Lec. 56-18 [Kan.Mo.

**Thecesternus** Say

18003. maculosus Pierce 09-337 Tex.  
 04. albidus Pierce 09-338 N.Mex.  
 05. affinis Lec. 56-18 Colo.Mo.Ind.  
       Ill.Tenn.Ky.  
       rudis Lec. 56-18  
       erosus Lec. 56-18

**COSSONINÆ**

Horn 73; Casey 92; Van Dyke 15; Blatchley &amp; Leng 16

**ACAMPTINI****Acamptus** Lec. 76-238

18006. rigidus Lec. 76-239 Ont.Fla.Tex. **Acamptus** Lec.  
 18007. echinus Csy. 95-837 Ariz. (Ohio?)

<sup>1</sup> Genera so marked, with *Pseudomopsis*, constitute the subtribe, *Tylodina* (Pierce 12-160).

† Introduced.

## ANCHONINI

**Anchonus** Schön. 26-257  
18008. floridanus Sz. 93-42  
09. duryi Blatch. 16-521

Fla.  
Fla.

**Gononotus** Lec. 76-336  
18010. angulicollis (Suffr.) 72-181 Fla. Cuba  
lutosus Lec. 76-337

**Metopotoma** Csy. 92-689  
18011. repens Csy. 92-690 No. Cal.

**Typhloglymma** Dury 01-243  
18012. puteolatum Dury 01-243 Ohio

## DRYOPHTHORINI

**Dryophthorus** Schön. 26-332  
18013. americanus Bedel 85-192 Can. Fla. Wis.  
corticalis || Say 31-24  
— bituberculatus (Fab.) 75-171  
New Zealand

**Dryotribus** Horn 73-433  
18014. mimeticus Horn 73-433 Fla.

## ?LYMANTIDES (Horn 73-434)

**Lymantes** Schön. 38-1085  
18015. scrobicollis Gyll. 38-1086 "Amer. bor."

## COSSONINI

**Himatinum** Kll. 06-243  
(*Himatium* || Woll. 68-451)  
18016. errans Lec. 76-427 N.S.-Fla.-Ohio  
a. parvula Blatch. 16-527 Fla.  
b. nigrifulum Csy. 92-691 Fla.  
c. conicum Lec. 80-218 Conn.-Va.

**Trichacorynus** Blatch. 16-528  
18017. brunneus Blatch. 16-528 Ind.

**Carphonotus** Csy. 92-694  
18018. testaceus Csy. 92-694 Minn. Ont.  
N.H. Nfld.

**Cossonus** Clairv. 98-58  
(Van Dyke 15-16)  
18019. hamiltoni Slosson 99-193 Fla.  
20. platealea Say 31-24 Can. Va. Ia.  
bohemani Horn 73-438  
21. subareatus Boh. 45-266 Mich.-Kan.  
22. pacificus VanD. 16-74 Cal.  
23. piniphilus Boh. 38-1002 Cal. Or. Wash.  
scrobiculatus Lec. 59-285  
californicus Mots. 45-99  
24. lupini VanD. 15-10 Cal.  
25. impressus Boh. 38-1019 Fla. W.I.  
impressifrons † Horn 73-440 [C. Am.  
26. ponderosæ VanD. 15-13 Cal.  
27. quadricollis VanD. 15-14 Cal.  
28. texanus VanD. 15-15 Tex.  
29. schwarzi VanD. 16-76 Ariz.  
30. ellipticollis VanD. 15-17 Cal.  
31. impressifrons Boh. 38-1001 Can. Ga. Ariz.  
concinus Boh. 38-1006  
32. hubbardi Sz. 99-10 Ariz. (L. Cal.?)  
33. fossicollis VanD. 16-78 Ariz.  
34. crenatus Horn 73-440 Or. L. Cal.  
N. Mex. So. Cal.  
Ariz.  
35. corticola Say 31-24 N.Y. Fla.  
minor (Woll.) 73-627 [C. Am.

**Cossonus** Clairv.  
18036. falli Champ. 09-55 L. Cal.  
sulcirostris || Fall 09-169

**Macrancylus** Lec. 76-338  
18037. linearis Lec. 76-339 Fla. W. I.

**Stenancylus** Csy. 92-693  
18038. colomboi Csy. 92-693 Fla. W. I.

**Allomimus** Lec. 76-339  
(? *Stenomimus* Woll. 73-480)  
18039. dubius Horn 73-442 Mich. Fla. Tex.  
40. corticalis Boh. 45-284 N. C. Fla.  
politus Csy. 92-692 Tex.

**Stenomimus** Woll. 73-480  
18041. pallidus Boh. 45-279 Pa. O. Ind. Ill.

**Caulophilus** Woll. 54-315  
18042. latinus (Say) 31-30 S. C. Fla. W. I.  
pinguis (Horn) 73-442 Ga. Fla.  
?sculpturatus Woll. 54-315 Madeira

**Apotrepus** Csy. 92-695  
18043. densicollis Csy. 92-695 Ariz.

**Mesites** Schön. 38-1043  
18044. subcylindricus (Horn) 73-441 Del. N. J. N. Y.  
45. rufipennis Lec. 78-432<sup>1</sup> Fla. Ga.

**Elassoptes** Horn 73-436  
18046. marinus Horn 73-436 Cal. So. Cal.

**Nanus** Schön. 44-89  
(*Homaloxenus* Woll. 73-615)  
— uniformis Boh. 44-90 Porto Rico,  
dentipes Woll. 73-615 [Fla.?

## RHYNCOLINI

**Phlæophagus** Schön. 38-1047  
18047. apionides Horn 73-443 Can. N. Eng.  
Mich. D. C.  
48. variolatus Dury 16-14 Ohio

**Phlæophagus** Schön.  
18049. minor Horn 73-443 N. Y. Mich.  
Neb. Va.

<sup>1</sup> Lugger (Proc. Ent. Soc. Wash. I, p. 36) says this is only immature form of subcylindricus.



**Phlæophagus** Schön.

18050. spadix (Hbst.) 95-256 †Eur.N.Y.  
N.J.

**Tomolips** Woll. 73-501

(*Wollastonia* || Horn 73-433)

(*Wollastoniella* Ckll. 06-243)

(*Parahornia* Ckll. 06-349)

18051. quercicola (Boh.) 45-281 N.Eng.Fla.  
Ind. C.Am.

**Pseudopentarthrum** Woll. 73-445

18052. simplex Csy. 92-697 Neb.Miss.Ind.

53. robustum Csy. 92-697 Tex.

**Nyssonotus** Csy. 92-701

18054. seriatus Csy. 92-701 Tex.

**Pentarthrinus** Csy. 92-698

(? *Amaurorhinus* Fairm. 60-629)

18055. nitens (Horn) 73-434 Fla.D.C.Ohio

56. parvicollis Csy. 92-699 Pa.Va.N.J.

57. piceus Csy. 92-700 N.Y.

58. atrolucens Csy. 92-700 Fla.Ind.Ohio

59. anonus Blatch. 16-543 Fla.

**Hexarthrum** Woll. 60-448

18060. ulkei Horn 73-446 N.Y.N.J.D.C.

**Rhamphocolus** Csy. 92-702

18061. tenuis Csy. 92-703 Tex.

**Rhyncolus** Germ. 24-307

18062. oregonensis Horn 73-445 Or.Cal.Mich.

N.J.N.C.

So.Cal.Ariz.

Cal.

Cal. So.Cal.

So.Cal.

Cal.

N.Mex.

N.Mex.

Fla.

Alas.Can.N.Y.

Vanc.N.Mex.

Ind.

So.Cal.

63. pallens Csy. 92-703

64. spretus Csy. 92-704

65. angularis Lec. 58-81

66. dilatatus Csy. 92-704

67. relictus Csy. 92-705

68. nimius Csy. 92-706

69. discors Csy. 92-707

70. brunneus Mann. 43-295

71. carinatus Blatch. 16-545

72. dorsalis Lec. 58-81

**Stenoscelis** Woll. 61-141

18073. brevis (Boh.) 45-282 Can.Fla.Kan.

**Lirolepta** Blatch. 16-546

18074. stenosoma Blatch. 16-546 Fla.

**Macrorhyncolus** Woll. 73-33

18075. protractus (Horn) 73-444 So.Cal.

## HORMOPINI

**Hormops** Lec. 76-321

18076. abducens Lec. 76-321 Fla. D.C.

## CALENDRINÆ

Horn 73; Chittenden 04, 05, 06

## RHYNCHOPHORINI

**Rhynchophorus** Hbst. 95-3

18077. cruentatus (Fab.) 75-128 S.C.Fla.La.

a. zimmermanni Fähr. 45-219 S.C.Fla.La.

**Rhynchophorus** Hbst.

18078. palmarum (L.) 64-42 C.Am.L.Cal.

## SPHENOPHORINI

**Scyphophorus** Schön. 38-855

18079. acupunctatus Gyll. 38-857 Mex.-So.Cal.  
Colo. Ariz.

asperulus Lec. 57-58

?interstitialis Gyll. 38-858 Haiti, Cuba

80. robustior Horn 73-409 Tex. So.Cal.

81. yuccæ Horn 73-410 So.Cal.

**Metamasius** Horn 73-410

18082. sericeus (Latr.) 11-206 So.Cal.C.Am.

**Eucactophagus** Champ. 10-96

18083. graphipterus Champ. 10-96

84. weissii Barber 17-21 †C.Am.Conn.  
†S.Am.? N.J.

**Cactophagus** Lec. 76-331

18085. validus (Lec.) 58-80 So.Cal.Ariz.

procerus (Lec.) 58-80

86. subnitens Csy. 92-685 Ariz.

**Rhodobænus** Lec. 76-332

18087. tredecimpunctatus (Ill.) 91-613

cribrarius (Oliv.) 95-88 U.S.So.Cal.  
N.C. [Ariz.]

**Rhodobænus** Lec.

variabilis (Gyll.) 38-899 Fla.

anceps (Gyll.) 38-894 N.Am.

leptocerus Panz 93-57 N.Am.

14-punctatus Voet 06-50 N.Am.

obscurus Voet 06-50 N.Am.

maculatus Sturm 26-106 N.C.

implicatus Gyll. 38-901 Mex.

lebasi Gyll. 38-902 S.Am.

a. pulchellus (Schön.) 38-898

b. quinquepunctatus (Say) 24-9

N.C. Fla.

Ariz.N.Mex.

Fla.

**Sphenophorus** Schön. 38-874

A

18089. simplex Lec. 59-70 So.Cal. Ut.

90. mormon Chitt. 04-128 Ut.-Wash.

91. distichlidis Chitt. 04-130 Cal.

92. vomerinus Lec. 58-81 Colo.Ariz.

93. graminis Chitt. 06-168 So.Cal.

94. subopacus Chitt. 06-169 Ut.-Or.

Cal.

† Introduced.



## SCOLYTOIDEA

(Hopk.) Pierce 16. *IPOIDEA* Swaine 18<sup>1</sup>

Chapuis 66, 69; Zimmermann & Leconte 68; Leconte 76; Lindemann 76; Eichhoff 78, 81; Schwarz 87, 99; Bedel 88; Hopkins 93, 15; Reitter 94, 13; Blandford 95, 05; Hubbard 97; Tredl 07; Pierce 07, 16; Swaine 09, 18; Nüsslin 10, 13; Hagedorn 10; Fuchs 11; Barbey 13.

## PLATYPODIDÆ

Chapuis 66; Leconte 76; Blatchley &amp; Leng 16

**Platypus** Hbst. 93-128

(Cylindra Ill. 25-87)

18164. flavicornis (Fab.) 76-212 N.J.Fla.Mex.  
 bidentatus Dej. 37-333  
 a. disciporus Chap. 66-219  
 65. quadridentatus (Oliv.) 95-3 W.Va.Fla.  
 blanchardi Chap. 66-185 [Tex.  
 66. compositus Say 28-324 Del. Fla.  
 tremiferus Chap. 66-176 Ill. Tex.  
 perfossus Chap. 66-176

**Platypus** Hbst.

- rugosus Chap. 66-176  
 ?parallelus (Fab.) 01-384  
 18167. punctulatus Chap. 66-199 †L.I.Tex.  
 C.Am.  
 rugulosus Chap. 66-192 L.Cal.C.Am.  
 reticulatus Chap. 66-194  
 emarginatus Chap. 66-199  
 68. wilsoni Sw. 15-48 B.C.Wash.Or.

## SCOLYTIDÆ

(Ipidæ auct.)

## SCOLYTINÆ

(Eccoptogasterinæ)

## SCOLYTINI

**Scolytus** Geoff. 62-309

(Eccoptogaster Hbst. 93-124)

(Coptogaster Ill. 07-321)

18169. quadrispinosus Say 24-323  
 caryæ Riley 67- E.U.S. Que.  
 70. muticus Say 24-323 Ga.Mo.Ut.  
 71. rugulosus Ratz. 37-187 N.J.Ind.Mo.  
 72. fagi Walsh 67-38 †Eur.Can.Tex.  
 73. multistriatus (Marsh.) 02-54 Ill. Tex.  
 †Eur. Mass.

**Scolytus** Geoff.

18174. piceæ (Sw.) 10-34 Que. Ind.  
 75. unispinosus Lec. 76-371 B.C. N.Mex.  
 76. californicus Lec. 68-165 Cal. N.Mex.  
 77. tsugæ (Sw.) 17-32 B.C. Alb.  
 78. monticolæ (Sw.) 17-32 B.C.  
 79. sulcatus Lec. 68-167 N.Y.  
 80. præceps Lec. 76-371 Cal.Id.N.Mex.  
 81. ventralis Lec. 68-167 Vanc. Wash.  
 82. subscaber Lec. 76-371 Cal. Ut.

## CAMPTOCERINI

**Loganius** Chap. 69-52

18183. ficus Sz. 94-44 Fla.

## HEXACOLINI

**Erineophilus** Hopk. 02-34

18184. schwarzi Hopk. 02-34 Fla.

## BOTHROSTERNINI

**Bothrosternus** Eich. 68-150

18185. hubbardi Sz. 86-54 Fla.

**Cnesinus** Lec.

18186. strigicollis Lec. 68-171 N.J. Fla.  
 strigillatus (Chap.) 69-27 Mich. Tex.

**Cnesinus** Lec. 68-171

(Nemophilus Chap. 69-27)

**Pagiocerus** Eich. 68-148

18187. rimosus Eich. 68-148 Fla. Cuba

## HYLESININÆ

CRYPTURGINI<sup>2</sup>**Crypturgus** Er. 36-60

18188. atomus Lec. 68-152 N.S.L.Sup.  
 W.Va.

**Crypturgus** Er.

18189. alutaceus Sz. 93-17 N.J. Fla.  
 90. borealis Sw. 17-7 B.C. Colo.

<sup>1</sup> Prepared with the assistance of Mr. J. M. Swaine.<sup>2</sup> The division here given of subfamilies Hylesininæ and Ipinæ into tribes is subject to further revision and does not represent Mr. Swaine's personal opinion. In the present state of our knowledge he would prefer no such division.

† Introduced.



**Crypturgus** Er.18191. *corrugatus* Sw. 17-8 Pa.**Dolurgus** Eich. 68-14718192. *pumilus* (Mann.) 43-297 Alas. Or.**Polygraphus** Er. 36-57(*Lepisomus* Kby. 37-193)

18193. *rufipennis* (Kby.) 37-193 Alas. Can.  
*nigriceps* (Kby.) 37-194 Nfld. [No.U.S.  
*?brevicornis* (Kby.) 37-194 H.B.T.  
*saginata* Mann. 53-237 Alas.

**Renocis** Csy. 86-25718194. *heterodoxus* Csy. 86-258 Nev.**Carphoborus** Eich. 64-2718195. *carri* Sw. 17-16 Alb. Man.**Carphoborus** Eich.

18196. *bicristatus* Chap. 69-97 Ga.  
97. *bifurcus* Eich. 68-147 N.J. Fla. Tenn.  
98. *simplex* Lec. 76-383 Cal. So. Cal.  
99. *radiatæ* Sw. 18-56 Cal.

**Pseudocryphalus** Sw. 17-20

18200. *brittaini* Sw. 17-20 B.C.  
01. *criddlei* Sw. 17-21 Man.

**Chramesus** Lec. 68-168(*Rhopalopleurus* Chap. 69-46)

18202. *hicoloræ* Lec. 68-168 E. Can. E. U.S.  
*lecontei* (Chap.) 69-103  
a. *chapuisi* Lec. 76-375 La.  
03. *asperatus* Schffr. 08-220 Ariz.  
04. *dentatus* Schffr. 08-221 Ariz.  
05. *subopacus* Schffr. 08-221 Ariz.

## PHLÆOTRIBINI AND HYLESININI

**Phthorophlæus** Rey 83-128(*Phlæophthorus* ‡ auct. nec Woll. 54-299)(*Phlæotribus* ‡ auct. nec Latr. 96-50)

18206. *lininaris* (Harr.) 52-78 Can. Tenn.  
07. *frontalis* (Oliv.) 95-78 Pa. Fla. Ia.  
*granicollis* (Eich.) 68-149  
08. *puberulus* (Lec.) 79-519 Colo.  
09. *piceæ* Sw. 11-220 Que. Ont.  
10. *scabricollis* (Hopk.) 16-656 Ind.  
11. *texanus* (Schffr.) 08-222 Tex.

**Dendroctonus** Er. 36-52 (Hopk. 09)18212. *brevicomis* Lec. 76-386 B.C. Cal. Mont.  
*frontalis* ‡ Dz. 90-3213. *barberi* Hopk. 09-85 Colo. Ut.  
N. Mex.*frontalis* ‡ Dz. 90-32 Ariz. So. Cal.?14. *convexifrons* Hopk. 09-87 Ariz. Colo. Ut.  
*approximatus* Dz. 90-31 (pars)15. *frontalis* Zimm. 68-149 N. Mex.  
*destructor* Hopk. 02-21 N.J. Fla. Tex.16. *arizonicus* Hopk. 09-95 Ariz.17. *approximatus* Dz. 90-31 Ariz.-Colo.18. *monticolæ* Hopk. 09-105 B.C. Cal. Wy.19. *ponderosæ* Hopk. 09-109 Ariz. Wy.20. *jeffreyi* Hopk. 09-114 Cal.21. *simplex* Lec. 68-173 Alas. Me.

W. Va. Can.

22. *pseudotsugæ* Hopk. 09-121 Vanc. N. Mex.23. *piceaperda* Hopk. 09-126 Nfld. Mich.*rufipennis* ‡ auct. nec Kby. [Pa.]24. *engelmanni* Hopk. 09-130 B.C. Ariz.25. *borealis* Hopk. 09-123 Alas. Alb. B.C.

Lab.?

26. *obesus* (Mann.) 43-296 Alas. Or.*similis* Lec. 60-5927. *rufipennis* (Kby.) 37-195 Can. Mich.28. *murrayanæ* Hopk. 09-140 Colo. Wy. Alb.29. *punctatus* Lec. 68-173 Pa. [B.C.]30. *tercbrans* (Oliv.) 95-6 Fla. Tex.31. *valens* Lec. 60-59 Can. U.S.**Phlæosinus** Chap. 69-3718232. *pini* Sw. 15-361 Man.33. *hoppingi* Sw. 15-364 Cal.34. *minutus* Sw. 17-9 Cal.**Phlæosinus** Chap.

18235. *punctatus* Lec. 76-381 B.C. W. U.S.  
36. *vandykei* Sw. 15-365 Cal. [Colo.]  
37. *canadensis* Sw. 17-18 Que. E. U.S.  
38. *dentatus* (Say) 25-258 E. & So. U.S.  
*?graniger* (Eich.) 68-147 Tex.  
*?haagi* (Eich.) 68-148 Am. bor.  
39. *serratus* (Lec.) 68-170 N.Y.  
40. *utahensis* Sw. 15-362 Ut.  
41. *cupressi* Hopk. 03-35 Cal.  
42. *cristatus* Lec. 68-170 Cal.  
43. *sequoiæ* Hopk. 03-33 B.C. Cal.  
44. *rugosus* Sw. 17-9 Cal.  
45. *juniperi* Sw. 17-10 Cal.

**Chætrophlæus** Lec. 76-38218246. *hystrix* (Lec.) 58-81 Cal. So. Cal.**Leperisinus** Reitt. 13-41(*Hylesinus* ‡ auct. nec Fab. 01-390)(*Pteleobius* ‡ auct. nec Bedel 88-411)18247. *fasciatus* (Lec.) 68-170 N.Y. D.C. Ind.48. *imperialis* (Eich.) 68-149 Wis. Ariz.49. *californicus* Sw. 16-190 Cal.50. *cinereus* Sw. 17-15 Que. Mass.51. *pruinosis* (Eich.) 68-149 Pa. Mich.

Tenn.

52. *aculeatus* (Say) 23-322 N.S. E. Can.

E. U.S.

53. *criddlei* Sw. 18-92 Que. Man.**Scierus** Lec. 76-39018254. *annectens* Lec. 76-390 E. Can. Me.  
Vanc.**Hylastinus** Bedel 88-38818255. *obscurus* (Marsh.) 02-57 † Eur. Can. Ind.  
*trifolii* (Müller) 07-47 [Pa.]**Alniphagus** Sw. 18-7318256. *aspericollis* (Lec.) 76-379 B.C. So. Cal.**Hylurgopinus** Sw. 18-7418257. *rufipes* (Eich.) 68-147 Can. Va. Ind.  
*opaculus* (Lec.) 68-170**Pseudohylesinus** Sw. 17-1118258. *granulatus* (Lec.) 68-175 B.C. Cal.  
59. *nobilis* Sw. 17-12 Or.

**Pseudohylesinus** Sw.

18260. *tsugæ* Sw. 17-11 B.C.  
 61. *obesus* Sw. 17-15 B.C.  
 62. *sitchensis* Sw. 17-12 B.C.  
 63. *grandis* Sw. 17-13 B.C. Cal. Id.  
 64. *sericeus* (Mann.) 43-296 Alas. [Colo.  
 65. *nebulosus* (Lec.) 59-285 B.C. Cal.

**Hylurgops** Lec. 76-389

18266. *grandicollis* Sw. 17-17 N.Mex. Cal.  
 67. *pinifex* (Fitch) 51-43 E.U.S. Can.  
 68. *rugipennis* (Mann.) 43-297 Alas. Ariz. B.C.  
 69. *knausi* Sw. 17-17 N.Mex.  
 70. *porosus* (Lec.) 68-175 B.C. Nev. Ut.  
 71. *lecontei* Sw. 17-16 B.C. N.Mex.  
 72. *subcostulatus* (Mann.) 53-239 Alas. N. Mex.  
     *alternans* (Chap.) 69-22 [B.C.  
 — *cristatus* (Mann.) 53-239 Alas.

**Hylastes** Er. 36-47( *Tomicus* Latr. Sw. 09-144)

18273. *salebrosus* Eich. 68-146 E.U.S. Can.  
     *porculus* ‡ Lec. 76-389  
     *scabripennis* Zimm. 68-149

**Hylastes** Er.

18274. *scaber* Sw. 17-18 D.C. Va. Tenn.  
 75. *asper* Sw. 17-19 Colo.  
 76. *porculus* Er. 36-49 Me. Fla.  
     *carbonarius* Fitch 51-730 E. Can.  
     *cavernosus* Zimm. 68-149 Mich. Colo.  
     *granosus* Chap. 69-73  
 77. *scobinosus* Eich. 68-148 ?  
 78. *nigrinus* (Mann.) 52-356 Alas. So. Cal.  
 79. *nitidus* Sw. 17-19 N. Mex.  
 80. *longus* Lec. 76-388 Colo. So. Cal.  
 81. *macer* Lec. 68-175 B.C. So. Cal.  
 82. *ruber* Sw. 15-366 B.C. [Neb.  
 83. *gracilis* Lec. 68-174 Cal. Ariz.  
 84. *longicollis* Sw. 18-79 Id.  
 85. *tenuis* Eich. 68-147 Fla. Tex.  
 86. *exilis* Chap. 69-76 Fla.

**Tomicus** Latr. 02-203( *Myelophilus* Eich. 78-400)( *Blastophagus* || Eich. 64-25)

18287. *piniperda* (L.) 58-563 †Eur. N.J.?  
     *analogus* (Lec.) 68-172 N.Y.?

## MICRACINÆ

**Micracis** Lec. 68-164

18288. *suturalis* Lec. 68-165 Mass. Mich.  
     *aculeatus* Lec. 68-165 Va. La.  
 89. *nanula* Lec. 76-368 Fla.  
 90. *rudis* Lec. 76-368 D.C. Ind.  
     Mich.  
 91. *opacicollis* Lec. 78-625 D.C. N.Y.  
     Mich.  
 92. *asperulus* Lec. 78-626 Va. Pa. Mich.

**Micracis** Lec.

18293. *hirtellus* Lec. 76-368 Cal. So. Cal.

**Thysanoes** Lec. 76-369

18294. *fimbricornis* Lec. 76-370 D.C. Pa. N.J.  
 95. *rigidus* (Lec.) 76-362 Can. Mich.

**Cactopinus** Sz. 99-11

18296. *hubbardi* Sz. 99-11 Ariz.

## IPINÆ

## CORTHYLINI

**Monarthrum** Kirsch 66-213( *Pterocyclon* Eich. 68-276)

18297. *scutellare* (Lec.) 60-59 Cal. So. Cal.  
     *cavus* (Lec.) 68-153  
 98. *fasciatum* (Say) 25-255 Can. Fla.  
     *simile* (Eich.) 68-277  
     a. *gracile* (Eich.) 78-444 Pa. N.C. Tenn.  
 99. *mali* (Fitch) 55-5 Can. Fla.  
     *longulum* (Eich.) 68-278  
 18300. *dentiger* (Lec.) 68-154 Cal. So. Cal.

**Corthylus** Er. 36-64( *Morizus* Ferr. 67-59)

18301. *punctatissimus* (Zimm.) 68-144 E. & W. St.  
     02. *columbianus* Hopk. 94-313 Mass. Mich.  
     03. *spinifer* Sz. 91-114 Fla. [Va.

**Xyloterinus** Sw. 18-83

18304. *politus* (Say) 28-256 E.U.S. E. Can.  
     ? *unicolor* (Eich.) 71-136

**Trypodendron** Steph. 30-353( *Xyloterus* Er. 36-60)( *Apate* ‡ Kby. 37-192)

18305. *scabricollis* (Lec.) 68-158 N. Mex. N.Y.  
 06. *retusum* (Lec.) 68-158 Can. W. Va.  
 07. *betulæ* Sw. 11-216 Ont. Que. N.S.?  
 08. *cavifrons* (Mann.) 43-297 Alas. B.C.  
     a. *vittiger* (Eich.) 81-299  
 09. *bivittatum* (Kby.) 37-192 E. Can. Alb.  
     E.U.S.  
     N. Mex.?  
 10. *borealis* Sw. 17-21 Alb. Sask.  
 11. *rufitarsis* (Kby.) 37-193 Ont. Man.  
     H.B.T.  
 12. *ponderosæ* Sw. 17-21 B.C. Or. Cal.

## CRYPHALINI

**Cosmoderes** Eich. 79-495

18313. *schwarzi* Hopk. 15-11 Fla.

**Trischidias** Hopk. 15-12

18314. *georgiæ* Hopk. 15-12 Ga.

**Hypothenemus** Westw. 34-34

## I.

18315. *miles* (Lec.) 78-433 Fla.

**Hypothenemus** Westw.

## IIA.

18316. *atomus* Hopk. 15-15 W. Va. N.J.  
 17. *impressifrons* Hopk. 15-15 W. Va.  
 18. *marylandicæ* Hopk. 15-15 S.C.  
 19. *robinia* Hopk. 15-15 Md.  
 20. *toxicodendri* Hopk. 15-15 W. Va.

## IIB.

21. *hispidulus* (Lec.) 68-156 N.J. Fla. La.

† Introduced.

**Hypothenemus** Westw.

18322. pruni Hopk. 15-16 N.C.  
 23. runseyi Hopk. 15-16 W.Va.  
 24. asiminæ Hopk. 15-16 Md.  
 25. hamamelidis Hopk. 15-16 W.Va. N.J.  
     ruficollis Hopk. mss.  
 26. thoracicus Hopk. 16-598 Ind.  
 27. columbi Hopk. 15-18 Tex.  
 28. rufopalliatum Hopk. 15-18 S.C.  
 29. punctifrons Hopk. 15-18 Fla.  
     ?eruditus † auct. nec Westw.  
 30. californicus Hopk. 15-19 Cal.  
 31. tritici Hopk. 15-19 Tex.  
 32. subelongatus Hopk. 15-19 Tex.  
 33. nigripennis Hopk. 15-19 La.  
 34. pubescens Hopk. 15-19 Fla.  
 35. sparsus Hopk. 15-20 Tex.  
 36. similis Hopk. 15-20 Tex.  
 37. striatus (Lec.) 68-156 Cal. So. Cal.

**Stephanoderes** Eich. 71-132

- (*Homæcryphalus* Lind. 76-168)  
 18338. evonymi Hopk. 15-26 W.Va.  
 39. seriatus Eich. 71-133 La.  
 40. georgiæ Hopk. 15-26 Ga.  
 41. texanus Hopk. 15-26 Tex.  
 42. lecontei Hopk. 15-27 W.Va.  
 43. pini Hopk. 15-27 W.Va.  
 44. salicis Hopk. 15-27 W.Va.  
 45. floridensis Hopk. 15-27 Fla.  
 46. ficus Hopk. 15-28 Ala.  
 47. soltauï Hopk. 15-28 La.  
 48. interstitialis Hopk. 15-28 Tex.  
 49. interpunctus Hopk. 15-28 Tex.  
 50. virentis Hopk. 15-28 Fla.  
 51. pecanis Hopk. 15-29 Fla.  
 52. approximatus Hopk. 15-29 Tex.  
 53. rufescens Hopk. 15-29 Pa.  
 54. flavescens Hopk. 15-29 Fla.  
 55. opacipennis Hopk. 15-30 D.C.  
 56. quadridentatus Hopk. 15-30 W.Va.  
 57. brunneus Hopk. 15-31 Tex.  
 58. frontalis Hopk. 15-31 Tex.  
 59. tridentatus Hopk. 15-31 Tex.  
 60. niger Hopk. 15-31 Tex.  
 61. rotundicollis Eich. 78-145 (Tenn.?) Fla.  
 62. quercus Hopk. 15-32 W.Va.  
 63. erectus (Lec.) 76-356 N.J. W.Va. Tex.  
 64. brunneicollis Hopk. 15-33 Tex.  
 65. sculpturatus Eich. 78-146 Tenn.  
 66. chapuisi Eich. 71-132 Tex. Ga.

**Stephanoderes** Eich.

18367. dissimilis (Zimm.) 68-144 N.C. Ga.  
     L. Sup.  
**Cryphalus** Er. 36-61  
 18368. pubescens Hopk. 15-40 Wash.  
     69. subconcentralis Hopk. 15-40 B.C. Vanc. Or.  
     70. rubentis Hopk. 15-40 W.Va. Pa.  
     71. ruficollis Hopk. 15-40 Ut.  
     72. fraseri Hopk. 15-40 N.C.  
     73. canadensis Chamb. 18-88 B.C.  
     74. grandis Chamb. 17-323 Cal.  
     75. amabilis Chamb. 17-321 Cal.  
     76. approximatus Hopk. 15-41 Id.  
     77. balsameus Hopk. 15-41 E.U.S. Can.  
     — terminalis (Mann.) 43-298 Cal.

**Ernoporides** Hopk. 15-34

18378. floridensis Hopk. 15-34 Fla.

**Letznerella** Reitt. 13-68

- (*Coccotrypes* † auct. nec Eich.)  
 18379. jalappæ (Letzn.) 44-99 † Eur. Mex.  
     U.S.

**Ernoporus** Thoms. 59-147

18380. kanawhæ Hopk. 15-35 W.Va.

**Coccotrypes** Eich. 79-308

18381. robustus (Eich.) 71-131 Cuba (U.S.?)  
     82. pygmæus (Eich.) 78-310 Fla.  
     83. bassiaëvorus Hopk. 15-47 D.C.  
     84. dactyliperda (Fab.) 01-387 † Asia, D.C.

**Spermatoplex** Hopk. 15-48

18385. rhizophoræ Hopk. 15-48 Fla.

**Procryphalus** Hopk. 15-33

18386. mucronatus (Lec.) 79-518 Colo.  
     87. aceris Hopk. 15-33 Or.  
     88. utahensis Hopk. 15-33 Ut.  
     89. striatulus (Mann.) 53-235 Alas. (N.Y.?)  
     90. salicis Hopk. 15-33 S. Dak.  
     91. idahoensis Hopk. 15-34 Id.  
     92. populi Hopk. 15-34 Colo.

**Trypophlæus** Fairm. 68-105

18393. salicis Hopk. 15-36 Cal.  
     94. centralis Hopk. 15-36 Wash.  
     95. populi Hopk. 15-37 Ariz.  
     96. punctipennis Hopk. 15-37 Utah.  
     97. nitidus Sw. 12-349 N.S.

## IPINI

**Gnathotrichus** Eich. 68-275

18398. retusus (Lec.) 68-155 B.C. Ariz.  
     So. Cal.  
     99. sulcatus (Lec.) 68-155 B.C. Colo.  
     Mex.  
 18400. materiarius (Fitch) 58-40 Can. Fla. Tex.  
     corthyloides Eich. 68-273 [E.U.S.]  
     01. asperulus (Lec.) 68-155 D.C. Va.

**Conophthorus** Hopk. 15-429

18402. edulis Hopk. 15-430 Colo. N. Mex.  
     03. tædæ Hopk. 15-431 Va.  
     04. virginianæ Hopk. 15-431 W.Va.

**Conophthorus** Hopk.

18405. resinosæ Hopk. 15-431 Me. N. H. Ont.  
     06. ponderosæ Hopk. 15-431 Or.  
     07. scopulorum Hopk. 15-431 Colo. Ariz.  
     08. apacheæ Hopk. 15-432 Ariz. [N. Mex.]  
     09. cluniceus Hopk. 15-432 ?  
     10. coniperda (Sz.) 94-144 E. Can. Me. Va.  
     11. radiatæ Hopk. 15-432 Cal.  
     12. contortæ Hopk. 15-432 Or.  
     13. monticolæ Hopk. 15-432 Id. B.C.  
     14. monophyllæ Hopk. 15-433 Cal.  
     15. flexilis Hopk. 15-433 Colo.  
     16. lambertianæ Hopk. 15-433 N. Cal. Or.



**Pseudopityophthorus** Sw. 18-93

18417. minutissimus (Zimm.) 68-143 E.U.S. Can.  
 pusillus || (Harris) 37-82 Mich. Fla.  
 18. pubipennis (Lec.) 57-59 Or.So.Cal.  
 19. pruinosis (Eich.) 78-193 N.Y. D.C.  
 querciperda (Sz.) 88-56 Fla.  
 20. pilosus (Lec.) 68-154 Cal.  
 pilosulus (Lec.) 68-156  
 — tomentosus (Eich.) 78-201 N.Am.

**Pityophthorus** Eich. 64-39

18421. ramiperda Sw. 17-28 Que. Ont.  
 E.U.S.  
 22. nitidus Sw. 17-25 N.S. Que.  
 Arc.Can.  
 23. pulicarius (Zimm.) 68-144 N.J. Fla.  
 24. lautus Eich. 71-135 W.Va. Tex.  
 25. rhois Sw. 17-26 E.Can. N.Y.  
 26. lateralis Sw. 17-27 Fla. [Fla.  
 27. concentralis Eich. 78-188 Cuba, Fla.  
 28. puberulus Lec. 68-157 Ont. Que.  
 infans Eich. 71-135 [W.Va.  
 29. opaculus Lec. 78-623 Mich. E.Can.  
 30. tuberculatus Eich. 79-498 Cal. (W.Va.?)  
 31. carmeli Sw. 18-100 Cal.  
 32. pseudotsugæ Sw. 18-99 B.C. Cal.  
 33. atratulus (Lec.) 68-156 Ut.N.Mex.  
 B.C.  
 puncticolis (Lec.) 74-71 N.Mex.Wash.  
 34. nitidulus (Mann.) 43-298 Alas.B.C.  
 35. torreyanæ Sw. 18-101 So.Cal. Ariz.  
 36. confinis Lec. 76-354 Wash. So.Cal.  
 N.Mex.  
 37. cariniceps Lec. 76-353 Me.W.Va.N.S.  
 N.Y.  
 38. canadensis Sw. 17-24 Que. Mich.  
 39. intextus Sw. 17-29 Alb. [N.Y.  
 40. pulchellus Eich. 68-275 Mich. W.Va.  
 hirticeps Lec. 78-665 N.Y. Pa. D.C.  
 pusio Lec. 78-623 Mich.  
 41. serratus Sw. 18-103 No.Cal.  
 42. pullus (Zimm.) 68-143 S.C. Mich.  
 cribripennis (Eich.) 68-274  
 43. bisulcatus (Eich.) 68-274 N.Am.  
 44. confertus Sw. 17-27 B.C.  
 45. granulatus Sw. 17-28 N.S. Man.  
 46. nudus Sw. 17-30 N.Y. Que. Ont.  
 47. consimilis Lec. 78-622 Mich.  
 48. annectens Lec. 78-622 Fla. D.C.  
 49. seriatus Lec. 78-433 Fla.  
 50. obliquus Lec. 78-422 Fla.  
 51. comatus (Zimm.) 68-143 S.C.  
 52. deletus Lec. 79-519 Colo.  
 53. digestus (Lec.) 74-71 So.Cal.

**Pityogenes** Bedel 88-397

18454. fossifrons (Lec.) 76-353 Vanc. Cal.  
 55. hopkinsi Sw. 15-8 E.Can. E.U.S.  
 56. lecontei Sw. 15-10 ?  
 57. carinulatus (Lec.) 74-70 Wash. So.Cal.  
 hamatus (Lec.) 74-72 [Colo. B.C.  
 58. knechteli Sw. 18-106 Alb. B.C.  
 59. plagiatus (Lec.) 68-161 D.C. Mich.

**Ips** DeGeer 75-190

- (*Tomicus* Latr. 07-276)  
 (*Bostrichus* † Fab. 77-59)  
 18460. concinnus (Mann.) 52-358 Alas. Cal.  
 hirsutus (Eich.) 67-402

**Ips** DeGeer

18461. radiatæ Hopk. 15-54 Cal. Id. B.C.  
 62. calligraphus (Germ.) 24-461 E.U.S. Can.  
 exesus (Say) 26-255  
 præmorsus (Eich.) 67-401  
 63. grandicollis (Eich.) 67-402 Mass. Ind. Fla.  
 cacographus (Lec.) 68-162  
 64. chagnoni Sw. 16-186 Que. Ont. N.Y.  
 65. confusus (Lec.) 76-362 Or. So. Cal.  
 Ariz.  
 ?montanus (Eich.) 81-219  
 66. vancouveri Sw. 16-188 Vanc. B.C.  
 Wash. Cal.  
 67. emarginatus (Lec.) 76-363 Or. B.C. Id.  
 68. knausi Sw. 15-355 N.Mex. [Cal.  
 69. longidens Sw. 11-214 N.S. N.Y.  
 70. latidens (Lec.) 74-72 Or. Cal. Colo.  
 spinifer (Eich.) 78-499 Cal. ? [B.C.  
 71. integer (Eich.) 69-273 B.C. Colo.  
 Mex.  
 72. plastographus (Lec.) 68-163 Cal. Ariz.  
 N.Mex.  
 73. perturbatus (Eich.) 68-274 Am. bor.  
 hudsonicus (Lec.) 76-363 Alas. Nfld.  
 74. avulsus (Eich.) 67-402 D.C. Ga. Fla.  
 75. pini (Say) 25-257 Alas. Can.  
 præfrictus (Eich.) 67-401 [E.U.S.  
 76. laticollis Sw. 18-116 Ont.  
 77. interpunctus (Eich.) 78-241 Alas. Wash.  
 tridens † (Eich.) 68-274 nec Mann.  
 78. oregoni (Eich.) 68-274 B.C. W.U.S.  
 rectus (Lec.) 76-363 Or. Ariz.  
 79. perroti Sw. 15-356 Que. [N.Mex.  
 80. borealis Sw. 11-213 Nfld. Alb. B.C.  
 81. interruptus (Mann.) 52-357 Alas. H.B.T.  
 82. hunteri Sw. 17-31 Colo. [B.C.  
 83. dubius Sw. 18-119 B.C. Alb.  
 84. pilifrons Sw. 12-353 Colo.  
 85. tridens (Mann.) 52-357 Alas. B.C.  
 86. engelmanni Sw. 17-30 Alb. B.C.  
 87. yohoensis Sw. 17-31 B.C.  
 — terminalis (Mann.) 43-298 Cal.

**Pityokteines** Fuchs 11-34

18488. sparsus (Lec) 68-160 E.U.S. Can.  
 balsameus (Lec.) 78-625  
 89. elegans Sw. 16-182 Cal. Or.  
 90. minutus (Sw.) 12-352 Colo.  
 91. jasperii Sw. 16-181 Alb. Or.

**Orthotomicus** Ferr. 67-44

- (*Neotomicus* Fuchs 11-38)  
 18492. cælatus (Eich.) 67-402 E.U.S. Can.  
 ?decretus (Eich.) 67-402 N.Am.?  
 ?xylographus (Fitch) 58-726  
 93. punctipennis (Lec.) 78-624 Mich. Me.  
 W.Va.  
 94. vicinus (Lec.) 74-72 B.C. Man.  
 Colo.  
 95. ornatus Sw. 16-185 Ariz. Cal. Or.  
 96. lasiocarpi Sw. 16-183 B.C.

**Ambrosiodmus** Hopk. 15-55

18497. linderæ Hopk. 15-56 Va.  
 98. lecontei Hopk. 15-56 Fla.  
 99. tachygraphus (Zimm.) 68-144 N.Y. N.C. Fla.

**Anisandrus** Ferr. 67-24

18500. *obesus* (Lec.) 68-159 Can. Va.  
       *serratus* Sw. 10-162 Que.  
 01. *populi* Sw. 17-22 Que.  
 02. *pyri* (Peck) 17-205 E.U.S. Can.  
 03. *minor* Sw. 10-164 Can. N.Y.  
 04. *zimmermanni* Hopk. 15-68 Fla.  
 05. *sayi* Hopk. 15-68 W.Va.

**Xyleborus** Eich. 64-37(*Xyleborinus* Reitt. 13-79)

18506. *saxesenii* (Ratz.) 37-167 Eur. N.Y.  
       *æsculi* Ferr. 67-22 [Mich. Ind.]  
       *decolor* (Boield.) 59-473  
       *dohrni* (Woll.) 54-290  
       *dryographus* Ferr. 67-20  
       *subdepressus* Rey 83-142  
       (*Xyleborus* s. str.)  
 07. *xylographus* (Say) 25-256 N.Y. Va. Wis.  
 08. *incrimis* Eich. 67-401 Tenn. W. Va.  
 09. *affinis* Eich. 67-401 N.J. W. Va.  
 10. *canadensis* Sw. 17-24 Que.  
 11. *pubescens* Zimm. 68-145 Va. Fla. Ala.  
       *?pini* Eich. 67-401 N.C.  
 12. *celsus* Eich. 67-400 N.J. S.C. Ind.  
       *biographus* Lec. 68-169  
 13. *fuscatus* Eich. 67-410 N.J. Fla. Tex.  
 14. *impressus* Eich. 67-400 Mass. Ga.  
 15. *quercus* Hopk. 15-63 Miss.  
 16. *pecanis* Hopk. 15-63 Miss.  
 17. *floridensis* Hopk. 15-63 Fla.  
 18. *arbuti* Hopk. 15-64 Cal.  
 19. *planicollis* Zimm. 68-145 Pa. Md. D.C.  
 20. *rileyi* Hopk. 15-65 Fla.  
 21. *hubbardi* Hopk. 15-65 Fla.  
 22. *schwarzi* Hopk. 15-65 Fla.  
 23. *howardi* Hopk. 15-65 D.C.  
 24. *fitchi* Hopk. 15-66 L.I.  
 25. *scopulorum* Hopk. 15-66 S. Dak.

**Xyleborus** Eich.

18526. *soltaii* Hopk. 15-66 La.  
 27. *nyssæ* Hopk. 15-66 S.C.  
       — *viduus* Eich. 78-391 D.C. Fla.  
       — *propinquus* Eich. 68-281 Tenn.?  
       — *retusicollis* Zimm. 68-146 Md.

**Xylocleptes** Ferr. 67-37

18528. *floridensis* Hopk. 15-43 Fla.  
 29. *anonæ* Hopk. 15-43 Fla.  
 30. *californicus* Hopk. 15-44 So. Cal.  
 31. *venturina* Hopk. 15-44 So. Cal.  
 32. *cucurbitæ* Lec. 79-519 Ut. N. Mex.  
 33. *punctatus* Hopk. 15-44 N. Mex. [Cal.  
 34. *knausi* Hopk. 15-44 Kan.

**Dryocætes** Eich. 64-38

18535. *sechelti* Sw. 15-358 B.C.  
 36. *granicollis* Lec. 68-162 N.J. Pa. W. Va.  
 37. *pseudotsugæ* Sw. 15-360 Vanc. No. Cal.  
 38. *americanus* Hopk. 15-51 E. Can. W. Va.  
       *autographus* ‡ auct. nec Ratz. 37-160 Ind.  
 39. *septentrionis* (Mann.) 43-298 Alas. B.C.  
       *semicastaneus* (Mann.) 52-358  
 40. *betulæ* Hopk. 15-50 Can. W. Va.  
       *eichhoffi* || Hopk. 03-320  
 41. *liquidambaris* Hopk. 15-51 Va.  
 42. *confusus* Sw. 12-351 Colo. B.C.  
       *abietis* Hopk. 15-52 Mont.  
 43. *pubescens* Sw. 12-350 Colo.  
 44. *affaber* (Mann.) 52-339 Alas. N. Mex.  
 45. *piceæ* Hopk. 15-51 Can. W. Va.  
 46. *caryi* Hopk. 15-50 Me. [N.C.]

**Lymanator** Lov. 89-69

18547. *decipiens* (Lec.) 78-624 Ont. N.Y. Va.

# APPENDIX

## STREPSIPTERA

### MENGEOIDEA

#### MENGEIDÆ

**Triozocera** Pierce emend. 11-490  
(*Triozocera* P. 09-86)

1. *texana* P. 11-491 Tex.

### XENOIDEA

#### STYLOPIDÆ

**Stylops** Kby. 02-12

2. *childreni* Gray 32-683 N.S.  
3. *asteridis* P. 11-494 Ill.  
4. *bipunctatæ* P. 09-98 Ind.Neb. Wis.  
5. *mœstæ* P. 18-443 Wash.  
6. *mandibularis* P. 11-494 Ill.  
7. *nubeculæ* P. 09-105 Colo.  
8. *subcandidæ* P. 09-108 So.Cal.  
9. *multiplicatæ* P. 09-104 Wis.  
10. *advarians* P. 09-97 B.C.  
11. *bisalicidis* P. 18-446 Ala.  
12. *sparsipilosæ* P. 09-108 Me.  
13. *erigeniæ* P. 18-446 Md. Ill.  
14. *hippotes* P. 09-103 O.  
15. *nasoni* P. 09-104 Pa.  
16. *swenki* P. 09-108 Neb. Pa.  
17. *claytoniæ* P. 09-99 Ga. Ill.  
a. *imitatrix* P. 09-104 Tex.  
b. *vierecki* P. 09-110 Tex.

**Katastylops** P. 18-454

18. *polemonii* (P.) 09-106 Colo.

**Neostylops** P. 18-455

19. *crawfordi* (P.) 09-100 Tex.  
20. *solidulæ* (P.) 09-107 Wash.  
21. *shannoni* P. 18-457 Md.  
22. *bruncræ* P. 09-98 Neb. Ill.  
23. *oklahomæ* P. 09-110 Okla.  
24. *salictariæ* P. 18-449 Ill.  
25. *andrenoides* P. 11-493 Ill.  
26. *medionitans* P. 18-450 Colo.  
27. *sinuatus* P. 18-450 Ill.  
28. *grandior* P. 18-451 Mont.  
29. *nudæ* P. 11-495 Ill.  
30. *cornii* P. 09-100 Wis.  
31. *californica* P. 09-99 So.Cal.  
32. *vicinæ* P. 09-110 N.H.Ct.Can.  
33. *salicifloris* P. 09-106 Mass. Colo.  
34. *graenicheri* P. 09-103 Wash.  
35. *cressoni* P. 09-102 Wis.  
36. *diabola* P. 18-454 Me.  
37. *hartfordensis* P. 09-103 N.Dak.  
38. *neonanæ* P. 18-454 Ga.  
39. *packardi* P. 09-105 Ga.  
Mass.

#### XENIDÆ

##### HALICTOXENINÆ

**Halictoxenos** P. 08-82

40. *crawfordi* P. 09-149 Neb.  
41. *graenicheri* P. 09-150 Wis.  
42. *jonesi* P. 08-84 Tex. La.  
43. *nymphaeæræ* P. 11-496 Ill.  
44. *sparsi* P. 09-150 Okla.  
45. *versati* P. 09-150 Wis.

**Halictoxenos** P.

46. *zephyri* P. 09-150 Wis.  
(*Augochlorophilus* P. 11-22)  
47. *viridulæ* P. 11-496 Ill.

**Apractelytra** P. 08-79

48. *schwarzi* P. 08-83 D.C.

##### CRAWFORDINÆ

**Crawfordia** P. 08-80

49. *pulvinipes* (P.) 04-167 Neb.  
50. *cockerelli* P. 09-155 N.Mex.  
51. *labrosi* P. 11-497 Ill.

**Crawfordia** P.

52. *rudbeckiæ* P. 11-497 Ill.  
53. *californica* P. 18-460 Cal.  
54. *labrosiformidis* P. 18-460 Ill.

#### XENINÆ

##### XENINI

**Xenos** Rossi 93-49

- (*Acroschismus* P. 08-79)  
(*Schistosiphon* P. 08-80)  
(*Xenops* Leach 15-117)

**Xenos** Rossi

55. *auriferi* P. 11-498 Cal.  
56. *bowditchi* (P.) 09-130 Mass.  
57. *bruesi* (P.) 09-124 Mich.



**Xenos Rossi**

58. hubbardi (P.) 08-84 Fla.  
 59. hunteri (P.) 09-130 Tex.  
 60. maximus (P.) 09-132 Tex.  
 61. nigreseens Brues 03-247 La. Tex.  
 62. pallidus Brues 03-246 Tex. Fla. Neb.  
 a. texensis (P.) 09-127 Tex. [D.C.]

**Xenos Rossi**

63. peckii Kby. 13-116 Mass.  
 64. pecosensis (P.) 09-128 Tex.  
 65. rubiginosi (P.) 09-132 La.  
 66. texani (P.) 09-132 Tex.  
 67. wheeleri P. 08-80 Ct. N.Y.D.C.  
 peckii ‡ Brues 03-248

## PSEUDOXENINI

**Pseudoxenos Saunders 72-20**

- (*Leionotoxenos* P. 09-137)  
 68. arvensidis P. 11-499 Ill.  
 69. erynnidis P. 11-499 Fla.  
 70. foraminati P. 11-499 N.J.  
 71. fundati P. 11-500 Ill.  
 72. histrionis P. 11-500 Fla.  
 73. hookeri (P.) 09-139 Tex.  
 74. jonesi (P.) 09-138 La.  
 75. louisianæ (P.) 09-138 La.

**Pseudoxenos Saunders**

76. neomexicana P. 18-463 N.Mex.  
 77. pedestridis P. 11-500 Ill.  
 78. robertsoni P. 11-501 Ill.  
 79. tigridis P. 11-501 Ill.

**Monobiaphila P. 09-139**

80. bishoppi P. 09-139 Tex.

## OPHTHALMOCHLINI

**Eupathocera P. 08-79**

81. lugubris P. 08-83 Ohio  
 82. pietipennidis P. 11-502 Ill.  
 83. pruinosa P. 09-143 Colo.  
 84. vulgaridis P. 11-503 Ill.  
 85. luctuosæ P. 11-502 Id. Colo.

**Ophthalmochlus P. 08-79**

- (*Homilops* P. 08-80)  
 86. duryi P. 08-79 Ohio  
 87. bishoppi (P.) 09-146 Tex.  
 (*Isophontiphilia* P. 11-31)  
 88. auripedis P. 11-503 Pa.

## HALICTOPHAGOIDEA

## HALICTOPHAGIDÆ

**Anthericomma P. 08-81**

89. barberi P. 08-84 N.Mex.

**Agalliaphagus P. 08-83**

92. americanus Perkins 08-105 Ohio  
 93. uhleri P. 19-479 Colo.

**Dacyrtochara P. 18-473**

90. oncometropiæ P. 18-473 Ga.  
 91. undata P. 18-474 Ga.

## ELENCHOIDEA

## ELENCHIDÆ

**Liburnelenchus P. 18-481**

- (*Mecynocera* || P. 08-81)  
 94. koebeli (P.) 08-81 Ohio  
 95. heidemanni P. 18-481 Md.

**Elenchinus P. 18-481**

96. heidemanni P. 18-481 Md.

**Pentagrammaphila P. 09-169**

97. uhleri P. 09-169 Dak.

## Taxonomic References to Strepsiptera

- Brues 03. A contribution to our knowledge of the Stylopidae < Zool. Jahrb. XVIII, 1903, pp. 241-270.
- Gray 32. In Edw. Griffith's Animal Kingdom &c, II, 1832, p. 683.
- Kirby 02. Stylops, Monographia Apum Angliæ, II, 1802, pp. 112-113.
- " 13. Strepsiptera, a new order of insects < Trans. Linn. Soc. Lond. XI, 1813, pp. 86-122.
- Perkins 05. Leaf Hoppers and their natural enemies < Rept. Exp. Sta. Hawaiian S. P. A. Bull. 1, 1905, pp. 90-111.
- Pierce 04. Some hypermetamorphic beetles &c < University Studies, Nebraska, 1904, pp. 153-190.
- " 08. A prel. rev. of the class Strepsiptera < Proc. Ent. Soc. Wash. IX, 1908, pp. 75-85.
- " 09. A monographic revision of Strepsiptera < Bull. U.S. Nat. Mus. No. 66, 1909, p. 1-232.
- " 11. Notes and Descriptions of Strepsiptera < Proc. U.S. Nat. Mus. XL, 1911, pp. 487-511.
- " 11. Strepsiptera < Wytsman's Genera Inscetorum, fasc. 121, pp. 1-54.
- " 18. The comparative morphology of Strepsiptera < Proc. U. S. Nat. Mus. LIV, 1918, pp. 391-501.
- Rossi 93. Obs. sur un nouv. genre d'insccte &c < Bull. Soc. Philom. I, 1793, p.49.
- Saunders 72. Stylopidarum &c. < Trans. Ent. Soc. Lond. 1872, pp. 1-48.





CATALOGUE  
OF THE  
NORTH AMERICAN COLEOPTERA  
DESCRIBED AS FOSSILS

---

BY  
H. F. WICKHAM



# A CATALOGUE OF THE NORTH AMERICAN COLEOPTERA DESCRIBED AS FOSSILS

By H. F. WICKHAM

The object of the following catalogue is to give a list of those species actually described as fossils, not including the remains of recent species which have been found in a fossil state. However, since the number of the latter is small, they have been enumerated at the end, in order that the palæontologist may be able to keep track of them. No references to genera have been included, unless founded upon some specific citation as well, for instance no notice would be taken of a record of "Elater sp." or any similar assignment. The date of establishment of a generic name is given only when the genus is based upon a fossil species and may therefore be assumed to have become extinct, since information regarding recent genera may be had by turning to the main portion of this work.

The sequence of families and genera follows that of the recent species, but since the names of the fossils are not numbered it has been necessary to indicate synonyms by the abbreviation "syn." The other abbreviations which seem to require explanation are as follows:—

Periods	Localities
Cret. Cretaceous	Flor. Florissant, Colo.
Eoc. Eocene	G. R. Green River, Wyo.
Mioc. Miocene	Greenl. Greenland
Olig. Oligocene	P. K. Port Kennedy, Pa.
Pleist. Pleistocene	Scar. Scarborough, Ont. Can.
	Tor. Toronto, Ont. Can.
	Vero Vero, Fla.

Some difference of opinion exists as to the age of certain of these deposits, but I have tried to follow usage well established in this country. The plan of citing locality as well as period will aid in checking up any changes of assignment which may be made.

## CARABIDÆ

Scaphinotus Dej.		Carabus Linn.	
minor (Horn) 76-243	P. K. Pleist.	jeffersoni Scudd. 00-15	Flor. Mioc.
wheatleyi (Horn) 76-242	P. K. Pleist.	mæander sangamon Wickh. 17a-139	Ill. Pleist.
Nomarethus Lec.		Calosoma Web.	
serus Scudd. 00-13	Flor. Mioc.	ealvini Wickh. 09-126	Flor. Mioc.
Neothanes Scudd. 90-535		cockerelli Wickh. 10-47	Flor. Mioc.
testeus (Seudd.) 78a-758	G. R. Eoc.	emmonsii Scudd. 00-16	Flor. Mioc.



<b>Elaphrus</b> Fab.		feildenianus Heer 78-38	Grinnell L. Eoc.
irregularis Scudd. 90-534	Scar. Pleist.	kincaidi Ckll. 08a-51	G. R. Eoc.
<b>Loricera</b> Latr.		<b>Rembus</b> Latr.	
exita Scudd. 00a-70	Scar. Pleist.	henshawi (Scudd.) 90-523	Flor. Mioc.
glacialis Scudd. 77-763	Scar. Pleist.	<b>Dicælus</b> Bon.	
lutosa Scudd. 90-533	Scar. Pleist.	alutaceus Horn 76-244	P. K. Pleist.
<b>Nebria</b> Latr.		<b>Badister</b> Clairv.	
abstracta Scudd. 00a-70	Tor. Pleist.	antecursor Scudd. 00a-75	Tor. Pleist.
occlusa Scudd. 00-17	Flor. Mioc.	<b>Platynus</b> Bon.	
palæomelas Scudd. 79-179b	B. C. Mioc.	cæsus Scudd. 90-522	G. R. Eoc.
<b>Bembidion</b> Latr.		calvini Wickh. 17a-142	Ill. Pleist.
damnosum Scudd. 00a-73	Scar. Pleist.	casus Scudd. 90-519	Scar. Pleist.
exoletum Scudd. 76-77	White R. Eoc.	desuetus Scudd. 90-521	Scar. Pleist.
expletum Scudd. 00a-72	Tor. Pleist.	dilapidatus Scudd. 92-49	Scar. Pleist.
florissantensis Wickh. 13-6	Flor. Mioc.	dissipatus Scudd. 90-521	Scar. Pleist.
fragmentum Scudd. 90-531	Ohio Pleist.	exterminatus Scudd. 00a-75	Scar. Pleist.
glaciatum Scudd. 90-531	Scar. Pleist.	florissantensis Wickh. 13-7	Flor. Mioc.
haywardi Scudd. 00a-70	Tor. Pleist.	halli Scudd. 90-520	Scar. Pleist.
obductum Scudd. 00-18	Flor. Mioc.	harttii Scudd. 90-522	Scar. Pleist.
præteritum Scudd. 00a-72	Scar. Pleist.	hindei Scudd. 90-520	Scar. Pleist.
tumulorum Scudd. 00-19	Flor. Mioc.	interglacialis Scudd. 00a-76	Scar. Pleist.
vanum Scudd. 00a-71	Scar. Pleist.	interitus Scudd. 00a-76	Tor. Pleist.
vestigium Scudd. 00a-71	Scar. Pleist.	insculptipennis Wickh. 17-463	Flor. Mioc.
<b>Tachys</b> Steph.		longævus Scudd. 00a-77	Scar. Pleist.
haywardi Wickh. 13-7	Flor. Mioc.	pleistocenicus Wickh. 17a-141	Ill. Pleist.
<b>Patrobus</b> Dej.		senex Scudd. 78a-759	G. R. Eoc.
decessus Scudd. 00a-73	Tor. Pleist.	subgelidus Wickh. 17a-142	Ill. Pleist.
frigidus Scudd. 00a-74	Tor. Pleist.	tartareus Scudd. 00-30	Flor. Mioc.
gelatus Scudd. 90-530	Scar. Pleist.	<b>Galerita</b> Fab.	
henshawi Wickh. 17a-140	Ill. Pleist.	marshii Scudd. 00-31	G. R. Eoc.
<b>Trechus</b> Clairv.		<b>Plochionus</b> Dej.	
fractus Wickh. 12a-6	Flor. Mioc.	lesquereuxi Scudd. 00-31	Flor. Mioc.
<b>Myas</b> Dej.		<b>Cymindis</b> Latr.	
rigefactus Scudd. 00-20	Flor. Mioc.	aurora Horn 76-243	P. K. Pleist.
umbrarum Scudd. 00-21	Flor. Mioc.	extorpesceus Scudd. 98-743:00-32	Mass. Pleist.
<b>Pterostichus</b> Bon.		<b>Brachinus</b> Web.	
abrogatus Scudd. 90-525	Scar. Pleist.	newberryi Scudd. 00-32	Flor. Mioc.
depletus Scudd. 00a-75	Scar. Pleist.	repressus Scudd. 00-33	Flor. Mioc.
destitutus Scudd. 90-526	Scar. Pleist.	<b>Chlænium</b> Bon.	
destructus Scudd. 90-527	Scar. Pleist.	plicatipennis Wickh. 17a-143	Ill. Pleist.
dormitans Scudd. 90-526	Ohio Pleist.	punctulatus Horn 76-244	P. K. Pleist.
fractus Scudd. 90-527	Scar. Pleist.	<b>Nothopus</b> Lec.	
gelidus (Scudd.) 77-763	Scar. Pleist.	kingii Scudd. 00-34	Flor. Mioc.
lævigatus Scudd. 90-528	P. K. Pleist.	<b>Cratacanthus</b> Dej.	
pumpellyi Scudd. 00-23	Flor. Mioc.	florissantensis Wickh. 17-464	Flor. Mioc.
walcotti Scudd. 00-23	Flor. Mioc.	<b>Harpalus</b> Latr.	
<b>Evarthrus</b> Lec.		conditus Scudd. 00a-77	Scar. Pleist.
tenebrius Scudd. 00-24	Flor. Mioc.	maceratus Wickh. 11-54	Flor. Mioc.
<b>Amara</b> Bon.		nuperus Scudd. 00-34	Flor. Mioc.
cockerelli Wickh. 12a-7	Flor. Mioc.	redivivus Wickh. 17-465	Flor. Mioc.
danæ Scudd. 00-27	Flor. Mioc.	ulomæformis Wickh. 17-464	Flor. Mioc.
powellii Scudd. 00-26	Flor. Mioc.	whitfieldi Scudd. 00-35	Flor. Mioc.
revocata Scudd. 00-25	Flor. Mioc.	<b>Stenolophus</b> Dej.	
sterilis Scudd. 00-25	Flor. Mioc.	religatus Scudd. 00-35	Flor. Mioc.
veterata Scudd. 00-26	Flor. Mioc.	<b>Carabites</b> Heer 52-12	
<b>Carabites</b> Heer 52-12		arapahoensis Ckll. 18-307	Colo. Eoc.
arapahoensis Ckll. 18-307	Colo. Eoc.	exanimus Scudd. 92a-17	White R. Eoc.

DYTISCIDÆ

<b>Bidessus</b> Sharp.		<b>Agabus</b> Leach.	
launinarum Wickh. 14a-426	Flor. Mioc.	charon Wickh. 12a-8	Flor. Mioc.
<b>Cœlambus</b> Thoms.		florissantensis Wickh. 13a-285	Flor. Mioc.
cribrarius Scudd. 00a-78	Tor. Pleist.	perditus Scudd. 00a-80	Scar. Pleist.
derelictus Scudd. 00a-78	Scar. Pleist.	prælugens Wickh. 17a-144	Ill. Pleist.
disjectus Scudd. 00a-79	Scar. Pleist.	rathbuni Scudd. 00-37	Flor. Mioc.
infernalis Scudd. 00a-78	Tor. Pleist.	savagci Wickh. 17a-143	Ill. Pleist.
miocenens Wickh. 12a-7	Flor. Mioc.	<b>Acilius</b> Leach.	
<b>Hydroporus</b> Clairv.		florissantensis Wickh. 09-127	Flor. Mioc.
inanimatus Scudd. 00a-79	Scar. Pleist.	<b>Miodytiscus</b> Wickh. 11-54.	
inundatus Scudd. 00a-79	Tor. Pleist.	hirtipes Wickh. 11-54	Flor. Mioc.
sectus Scudd. 00a-80	Scar. Pleist.		
sedimentorum Wickh. 14a-427	Flor. Mioc.		

HYDROPHILIDÆ

<b>Helophorus</b> Fab.		<b>Hydrobius</b> Leach.	
rigescens Scudd. 90-516	Ohio Pleist.	confixus Scudd. 90-511	G. R. Eoc.
<b>Hydrochus</b> Leach.		decineratus Scudd. 78a-761	G. R. Eoc.
amictus Scudd. 90-515	Ohio Pleist.	macratus Scudd. 00-43	Flor. Mioc.
relictus Scudd. 90-516	G. R. Eoc.	prisconatator Wickh. 11-55	Flor. Mioc.
<b>Berosus</b> Leach.		titan Wickh. 13-7	Flor. Mioc.
sexstriatus Scudd. 78a-760	G. R. Eoc.	<b>Creniphilites</b> Wickh. 13-8.	
tenuis Scudd. 78a-760	G. R. Eoc.	orpheus Wickh. 13-8	Flor. Mioc.
<b>Hydrophilus</b> DeGeer.		<b>Enochrus</b> Thoms.	
extricatus (Scudd.) 00-41	Flor. Mioc.	primævus (Scudd.) 76-78	G. R. Eoc.
<b>Hydrophilites</b> Heer 83-144.		scuddei (Wickh.) 09-127	Flor. Mioc.
naujatensis Heer 83-144	Greenl. Eoc.	<b>Cymbiodyta</b> Bedel.	
<b>Tropisternus</b> Solier.		exstincta Scudd. 00a-81	Scar. Pleist.
limitatus Scudd. 00-40	Flor. Mioc.	<b>Laccobius</b> Er.	
saxialis Scudd. 78a-759	G. R. Eoc.	elongatus Scudd. 78a-761	G. R. Eoc.
sculptilis Scudd. 78a-760	G. R. Eoc.	<b>Cercyon</b> Leach.	
vanus Scudd. 00-39	Flor. Mioc.	terrigena Scudd. 79-179b	B. C. Mioc.

SILPHIDÆ

<b>Necrodes</b> Leach.		<b>Agyrtes</b> Fröh.	
primævus Beut. & Ckll., 08-67	Flor. Mioc.	primoticus Scudd. 00-45	Flor. Mioc.
<b>Silpha</b> Linn.		<b>Hydnobius</b> Schmidt.	
beutenmuelleri Wickh. 14a-428	Flor. Mioc.	tibialis Wickh. 13-9	Flor. Mioc.
colorata Scudd. 00-44	Flor. Mioc.	<b>Anisotoma</b> Illig.	
<b>Miosilpha</b> Wickh. 12a-9		sibylla Wickh. 13a-285	Flor. Mioc.
necrophiloides Wickh. 12a-9	Flor. Mioc.		

PAUSSIDÆ

<b>Paussopsis</b> Ckll. 11-71.			
nearctica Ckll. 11-71	Flor. Mioc.	secunda Wickh. 12a-10	Flor. Mioc.

## STAPHYLINIDÆ

- Triga** Fauv.  
cœni Scudd. 00-78 Flor. Mioc.
- Omalium** Grav.  
antiquorum Wickh. 13-11 Flor. Mioc.
- Olophrum** Erichs.  
arcanum Scudd. 00a-86 Scar. Pleist.  
cælatum Scudd. 00a-86 Scar. Pleist.  
dejectum Scudd. 00a-86 Scar. Pleist.  
interglaciale Wickh. 17a-145 Ill. Pleist.
- Arpedium** Erichs.  
stillicidii Scudd. 92-42 Scar. Pleist.
- Acidota** Mann.  
crenata nigra Scudd. 00a-85 Scar. Pleist.
- Geodromicus** Redt.  
abditus Scudd. 00-77 Flor. Mioc.  
stiricidii Scudd. 92-43 Scar. Pleist.
- Deleaster** Erichs.  
grandiceps Wickh. 12a-12 Flor. Mioc.
- Oxytelus** Grav.  
pristinus Scudd. 76-79 White R. Eoc.  
subapterus Wickh. 13-11 Flor. Mioc.
- Platystethus** Mann.  
archetypus Scudd. 00-76 Flor. Mioc.  
carcarus Scudd. 00-75 Flor. Mioc.
- Bledius** Mann.  
adamus Scudd. 78a-762 G. R. Eoc.  
fæcorum Scudd. 00-74 G. R. Eoc.  
glaciatu Scudd. 90-505 Scar. Pleist.  
osborni Scudd. 00-72 Flor. Mioc.  
primitiarum Scudd. 00-73 Flor. Mioc.  
soli Scudd. 00-71 Flor. Mioc.
- Stenus** Latr.  
morsei (Scudd.) 00-70 Flor. Mioc.
- Cryptobium** Mann.  
cinctum Scudd. 00a-83 Scar. Pleist.  
detectum Scudd. 00a-83 Scar. Pleist.
- Pæderus** Fab.  
adumbratus Wickh. 13-10 Flor. Mioc.
- Lathrobium** Grav.  
abscessum Scudd. 76-79 G. R. Eoc.  
antediluvianum Wickh. 13-10 Flor. Mioc.  
antiquatum Scudd. 00a-83 Tor. Pleist.  
debilitatum Scudd. 00a-84 Scar. Pleist.  
excsum Scudd. 00a-84 Tor. Pleist.  
frustum Scudd. 00a-85 Scar. Pleist.  
inhibitum Scudd. 00a-84 Scar. Pleist.  
interglaciale Scudd. 90-506 Scar. Pleist.
- Lithocharis** Lac.  
scottii Scudd. 00-63 Flor. Mioc.
- Miolithocharis** Wickh. 13a-289.  
lithographica Wickh. 13a-289 Flor. Mioc.
- Xantholinus** Serv.  
tenebrarius Scudd. 00-58 Flor. Mioc.
- Leptacinus** Erichs.  
exsucus Scudd. 00-61 Flor. Mioc.
- fossus Scudd. 00-59 Flor. Mioc.  
leidyi Scudd. 00-61 Flor. Mioc.  
maclurei Scudd. 00-60 Flor. Mioc.  
rigatus Scudd. 00-59 Flor. Mioc.
- Philonthus** Curt.  
abavus Scudd. 00-57 Flor. Mioc.  
claudus Scudd. 00a-82 Scar. Pleist.  
horni Scudd. 00-56 Flor. Mioc.  
invelatus Scudd. 00-55 Flor. Mioc.  
marcidulus Scudd. 00-54 Flor. Mioc.
- Staphylinus** Linn.  
lesleyi Scudd. 00-51 Flor. Mioc.  
vetulus Scudd. 00-52 Flor. Mioc.  
vulcan Wickh. 13a-288 Flor. Mioc.
- Ontholestes** Ganglb.  
patriarchicus (Scudd.) 76-78 White R. Eoc.
- Acylophorus** Nordm.  
immotus Scudd. 00-47 Flor. Mioc.
- Heterothops** Steph.  
conticens Scudd. 00-48 Flor. Mioc.
- Laasbium** Scudd. 00-49  
agassizii Scudd. 00-49 Flor. Mioc.  
sectile Scudd. 00-50 Flor. Mioc.
- Quedius** Steph.  
breweri Scudd. 90-508 Flor. Mioc.  
chamberlini Scudd. 90-508 Flor. Mioc.  
deperditus Scudd. 00a-82 Scar. Pleist.  
mortuus Wickh. 12a-11 Flor. Mioc.
- Oxyporus** Fab.  
stiriacus Scudd. 90-505 Scar. Pleist.
- Tachinus** Grav.  
sommatus Scudd. 00-64 Flor. Mioc.
- Tachyporus** Grav.  
nigripennis Scudd. 00-65 Flor. Mioc.
- Bolitobius** Steph.  
durabilis Scudd. 00-67 Flor. Mioc.  
funditus Scudd. 00-67 Flor. Mioc.  
lyelli Scudd. 00-66 Flor. Mioc.  
stygis Scudd. 00-68 Flor. Mioc.
- Mycetoporus** Mann.  
demersus Scudd. 00-69 Flor. Mioc.
- Gymnusa** Grav.  
absens Scudd. 00a-81 Tor. Pleist.
- Homalota** Mann.  
recisa Scudd. 90-509 G. R. Eoc.
- Gyrophæna** Mann.  
saxicola Scudd. 76-78 White R. Eoc.
- Atheta** Thoms.  
florissantensis Wickh. 13-9 Flor. Mioc.
- Aleocharopsis** Wickh. 13a-286  
caseyi Wickh. 13a-286 Flor. Mioc.  
secunda Wickh. 13a-287 Flor. Mioc.
- Staphylinites** Scudd. 90-510  
obsoletum Scudd. 76-78 G. R. Eoc.



## LYCIDÆ

**Miocænia** Wickh. 14a-443

pectinicornis Wickh. 14a-443 Flor. Mioc.

## LAMPYRIDÆ

**Lucidota** Lap.

prima (Wickh.) 12a-19 Flor. Mioc.

## CANTHARIDÆ

**Chauliognathus** Hentz.

pristinus Scudd. 76-81 Flor. Mioc.

**Podabrus** Westw.

cupesoides Wickh. 17-467 Flor. Mioc.

florissantensis Wickh. 14a-444 Flor. Mioc.

fragmentatus Wickh. 14a-444 Flor. Mioc.

wheeleri Wickh. 09-128 Flor. Mioc.

**Cantharis** L.

hesperus (Wickh.) 14a-445 Flor. Mioc.

humatus (Wickh.) 13b-362 Flor. Mioc.

**Polemius** Lec.

crassicornis Wickh. 14a-445 Flor. Mioc.

**Trypherus** Lec.

aboriginalis Wickh. 13b-362 Flor. Mioc.

## MELYRIDÆ

**Collops** Er.

desuetus Wickh. 14a-447 Flor. Mioc.

extrusus Wickh. 14a-447 Flor. Mioc.

priscus Wickh. 14a-446 Flor. Mioc.

**Malachius** Fab.

immurus Wickh. 17-468 Flor. Mioc.

syn. pristinus || Wickh. 16-8

**Trichochrous** Mots.

miocenus Wickh. 12a-20 Flor. Mioc.

**Eudasytites** Wickh. 12a-19

listriformis Wickh. 12a-19 Flor. Mioc.

## CLERIDÆ

**Enoclerus** Gahan

florissantensis Wickh. 14a-448 Flor. Mioc.

pristinus Wickh. 14a-449 Flor. Mioc.

**Hydnocera** Newn.

wolcottii Wickh. 13-15 Flor. Mioc.

## CORYNETIDÆ

**Necrobia** Oliv.

divinatoria Wickh. 14a-449 Flor. Mioc.

sibylla Wickh. 14-261 Flor. Mioc.

## LYMEXYLIDÆ

**Melittomma** Murr.

lacustrinum (Wickh.) 11-57 Flor. Mioc.

## CÆDEMERIDÆ

**Copidita** Lec.

miocenica Wickh. 14a-487 Flor. Mioc.

**Palædemera** Wickh. 14a-487

crassipes Wickh. 14a-488 Flor. Mioc.

## MORDELLIDÆ

**Tomoxia** Costa

inundata Wickh. 14a-488 Flor. Mioc.

**Mordella** L.

lapidicola Wickh. 09-130 Flor. Mioc.

stygia Wickh. 14a-489 Flor. Mioc.

**Mordellistena** Costa

florissantensis Wickh. 12a-33 Flor. Mioc.

nearctica Wickh. 14-268 Flor. Mioc.

protogea Wickh. 14-269 Flor. Mioc.

scudderiana Wickh. 14-268 Flor. Mioc.

smithiana Wickh. 13-21 Flor. Mioc.

## RHIPIPHORIDÆ

**Macrosiagon** Hentz.

geikei (Scudd.) 90-482 Flor. Mioc.

## MELOIDÆ

<b>Epicauta</b> Redt.		<b>Gnathium</b> Kby.	
subneglecta Wickh. 14a-492	Flor. Mioc.	ætatis Scudd. 93-pl. 2, 00-116	Flor. Mioc.
<b>Lytta</b> Fab.		<b>Nemognatha</b> Ill.	
lithophila (Wickh.) 14a-492	Flor. Mioc.	exsecta Wickh. 12a-34	Flor. Mioc.
<b>Tetraonyx</b> Latr.			
minuscula Wickh. 14a-491	Flor. Mioc.		

## PYTHIDÆ

<b>Pythoceropsis</b> Wickh. 13-20	
singularis Wickh. 13-21	Flor. Mioc.

## PEDILIDÆ

<b>Pedilus</b> Fisch.		<b>Lithomacratia</b> Wickh. 14a-490	
calypso (Wickh.) 14a-491	Flor. Mioc.	mirabilis Wickh. 14a-490	Flor. Mioc.
<b>Macratia</b> Newn.			
gigantea Wickh. 10-51	Flor. Mioc.		

## CEBRIONIDÆ

<b>Adocetus</b> Scudd. 00-97	
buprestoides Scudd. 00-97	Wyo. Eoc.

## ELATERIDÆ

<b>Lacon</b> Cast.		<b>Melanactes</b> Lec.	
exhumatus Wickh. 16a-501	Flor. Mioc.	cockerelli Wickh. 08-77	Flor. Mioc.
<b>Monocrepidius</b> Esch.		<b>Ludiophanes</b> Wickh. 16a-522	
dubiosus Wickh. 16a-508	Flor. Mioc.	haydeni Wickh. 16a-522	Flor. Mioc.
<b>Limoni</b> Esch.		<b>Oxygonus</b> Lec.	
aboriginalis Wickh. 16a-514	Flor. Mioc.	mortuus Scudd. 76-81	White R. Eoc.
florissantensis Wickh. 16a-515	Flor. Mioc.	primus Wickh. 16a-526	Flor. Mioc.
impunctus Scudd. 92-37	B. C. Mioc.	<b>Agriotes</b> Esch.	
præcursor Wickh. 16a-516	Flor. Mioc.	comminutus Wickh. 16a-513	Flor. Mioc.
shoshonis Wickh. 16a-517	Flor. Mioc.	nearcticus Wickh. 16a-513	Flor. Mioc.
volans Wickh. 16a-517	Flor. Mioc.	<b>Cryptagriotes</b> Wickh. 16a-512	
<b>Athous</b> Esch.		minusculus Wickh. 16a-512	Flor. Mioc.
contusus Wickh. 16a-519	Flor. Mioc.	<b>Elater</b> L.	
fractus Wickh. 16a-519	Flor. Mioc.	florissantensis Wickh. 16a-510	Flor. Mioc.
lethalis Wickh. 16a-518	Flor. Mioc.	rohweri Wickh. 16a-509	Flor. Mioc.
<b>Ludius</b> Esch.		scudderi Wickh. 16a-510	Flor. Mioc.
exanimatus (Wickh.) 16a-520	Flor. Mioc.	<b>Megapenthes</b> Kies.	
granulicollis (Wickh.) 08-76	Flor. Mioc.	primævus Wickh. 16a-511	Flor. Mioc.
heeri (Wickh.) 16a-521	Flor. Mioc.	<b>Anchastus</b> Lec.	
lævissimus (Wickh.) 16a-521	Flor. Mioc.	diluvialis Wickh. 16a-507	Flor. Mioc.
primitivus (Wickh.) 08-77	Flor. Mioc.	eruptus Wickh. 16a-507	Flor. Mioc.
propheticus (Wickh.) 16a-526	Flor. Mioc.	<b>Cardiophorus</b> Esch.	
restructus (Wickh.) 16a-525	Flor. Mioc.	cockerelli Wickh. 16a-503	Flor. Mioc.
submersus (Wickh.) 16a-524	Flor. Mioc.	deprivatus Wickh. 16a-504	Flor. Mioc.
velatus (Scudd.) 76-81	G. R. Eoc.	florissantensis Wickh. 16a-502	Flor. Mioc.
<b>Cryptohypnus</b> Esch.		lithographus Wickh. 16a-501	Flor. Mioc.
exterminatus Wickh. 16a-506	Flor. Mioc.	requiescens Wickh. 16a-504	Flor. Mioc.
hesperus Wickh. 16a-506	Flor. Mioc.	<b>Horistonotus</b> Cand.	
terrestris Scudd. 79-181B	B. C. Mioc.	coloradensis Wickh. 16a-505	Flor. Mioc.

## MELASIDÆ

<b>Eucnemis</b> Ahr.		<b>Microrhagus</b> Esch.	
antiquatus Wickh. 14a-437	Flor. Mioc.	miocenicus Wickh. 16a-500	Flor. Mioc.
<b>Deltometopus</b> Bonv.		vulcanicus Wickh. 16a-500	Flor. Mioc.
fossilis Wickh. 16a-498	Flor. Mioc.	<b>Epiphanis</b> Esch.	
<b>Fornax</b> Cast.		deletus Scudd. 76-80	White R. Eoc.
ledensis Scudd. 92-39	Can. Pleist.		
relictus Wickh. 16a-499	Flor. Mioc.		

## THROSCIDÆ

<b>Pactopus</b> Lec.	
americanus Wickh. 14-259	Flor. Mioc.

## BUPRESTIDÆ

<b>Ptosima</b> Sol.		<b>Anthaxia</b> Esch.	
abyssa (Wickh.) 12a-19	Flor. Mioc.	exhumata Wickh. 13a-292	Flor. Mioc.
schaefferi (Wickh.) 12a-18	Flor. Mioc.	<b>Chrysobothris</b> Esch.	
sylvatica Wickh. 14a-441	Flor. Mioc.	coloradensis Wickh. 14a-441	Flor. Mioc.
<b>Dicerca</b> Esch.		gahani Ckll. 11-72	Flor. Mioc.
eurydice Wickh. 14a-438	Flor. Mioc.	haydeni Scudd. 76-80	Flor. Mioc.
<b>Buprestis</b> L.		suppressa Wickh. 14a-440	Flor. Mioc.
florissantensis Wickh. 14a-438	Flor. Mioc.	<b>Agrilus</b> Steph.	
saxigena Scudd. 79-181B	B. C. Mioc.	præpolitus Wickh. 14a-442	Flor. Mioc.
sepulta Scudd. 79-181B	B. C. Mioc.	<b>Brachyspathus</b> Wickh. 17-466	
scudderi Wickh. 14a-439	Flor. Mioc.	curiosus Wickh. 17-466	Flor. Mioc.
tertiaria Scudd. 79-180B	B. C. Mioc.	<b>Buprestites</b> Heer 47-128	
<b>Melanophila</b> Esch.		heeri Scudd. 00-99	Greenl. Eoc.
cockerellæ Wickh. 12a-17	Flor. Mioc.	syn. agriloides Heer 83-144	
handlirschi Wickh. 12a-17	Flor. Mioc.		
heeri Wickh. 14-260	Flor. Mioc.		

## PSEPHENIDÆ

<b>Psephenus</b> Hald.	
lutulentus Scudd. 00-94	Flor. Mioc.

## DRYOPIDÆ

<b>Lutrochites</b> Wickh. 12a-16		<b>Helichus</b> Er.	
lecontei Wickh. 12a-16	Flor. Mioc.	eruptus (Wickh.) 11-56	Flor. Mioc.
		tenuior (Wickh.) 12a-16	Flor. Mioc.

## DASCILLIDÆ

<b>Scaptolenopsis</b> Wickh. 14-263		<b>Protacnæus</b> Wickh. 14a-435	
lithographus (Wickh.) 11-57	Flor. Mioc.	tenuicornis Wickh. 14a-436	Flor. Mioc.
syn. wilmattæ Wickh. 14-263	Flor. Mioc.	<b>Ectopria</b> Lec.	
		laticollis Wickh. 13-15	Flor. Mioc.

## HELODIDÆ

<b>Miocyphon</b> Wickh. 14a-436	
punctulatus Wickh. 14a-437	Flor. Mioc.

## CHELONARIIDÆ

<b>Chelonarium</b> Fab.	
montanum Wickh. 14a-434	Flor. Mioc.



## DERMESTIDÆ

<b>Dermestes</b> L.		<b>Orphilus</b> Er.	
tertiarius Wickh. 12a-14	Flor. Mioc.	dubius Wickh. 12a-15	Flor. Mioc.
<b>Attagenus</b> Latr.			
aboriginalis Wickh. 13b-361	Flor. Mioc.		
sopitus Scudd. 00-85	Flor. Mioc.		

## BYRRHIDÆ

<b>Nosotetocus</b> Scudd. 92a-16		<b>Cytilus</b> Er.	
debilis Scudd. 00-90	Flor. Mioc.	tartarinus Scudd. 00-91	Flor. Mioc.
marcovi Scudd. 92a-17	Flor. Mioc.	<b>Byrrhus</b> L.	
vespertinus Scudd. 00-90	Flor. Mioc.	ottawaensis Scudd. 92-40	Can. Pleist.
<b>Nosodendron</b> Latr.		romingeri Scudd. 00-93	Flor. Mioc.
tritavum Scudd. 90-499	G. R. Eoc.	<b>Amphicyrta</b> Er.	
		inhæsa Scudd. 00-91	Flor. Mioc.

## OSTOMIDÆ

<b>Trogosita</b> Oliv.		<b>Ostoma</b> Laich.	
insignis Heer 68-129	Greenl. Eoc.	laminata (Wickh.) 10-48	Flor. Mioc.
<b>Tenebroides</b> Pill. & Mitt.			
corrugata Wickh. 13a-291	Flor. Mioc.		

## NITIDULIDÆ

<b>Amartus</b> Lec.		<b>Prometopia</b> Er.	
petrefactus Wickh. 12a-15	Flor. Mioc.	depilis Scudd. 77a-278	B. C. Mioc.
<b>Colopterus</b> Er.		<b>Phenolia</b> Er.	
pygidialis (Wickh.) 13-13	Flor. Mioc.	incapax Scudd. 76-80	G. R. Eoc.
<b>Carpophilus</b> Steph.		<b>Miophenolia</b> Wickh. 16-7	
restructus Scudd. 00-86	Flor. Mioc.	cilipes Wickh. 16-7	Flor. Mioc.
<b>Nitidula</b> Fab.		<b>Cychramites</b> Wickh. 13-14	
prior Scudd. 00-87	Flor. Mioc.	hirtus Wickh. 13-14	Flor. Mioc.
<b>Epanuræa</b> Scudd. 00-86			
ingenita Scudd. 93 pl. 1, 00-87	Flor. Mioc.		

## CUCUJIDÆ

<b>Pediacus</b> Shuck.		<b>coloradensis</b> Wickh. 14-258	
periclitans Scudd. 00-82	Flor. Mioc.	gravis Scudd. 00-83	Flor. Mioc.
<b>Lithocoryne</b> Scudd. 00-83		<b>Laemophloeus</b> Thoms.	
arcuata Wickh. 13a-290	Flor. Mioc.	vestitus (Scudd.) 90-501	G. R. Eoc.

## EROTYLIDÆ

<b>Tritoma</b> Fab.		<b>materna</b> (Wickh.) 12a-13	
binotata (Scudd.) 78-763	G. R. Eoc.	petrefacta (Wickh.) 16-6	Flor. Mioc.
<b>Triplax</b> Hbst.		submersa (Wickh.) 12a-13	Flor. Mioc.
diluviana (Wickh.) 14a-430	Flor. Mioc.		

## CRYPTOPHAGIDÆ

<b>Antherophagus</b> Latr.		<b>Cryptophagus</b> Hbst.	
megalops Wickh. 13b-360	Flor. Mioc.	bassleri Wickh. 13a-290	Flor. Mioc.
priscus Scudd. 76-79	G. R. Eoc.	petricola Wickh. 16-7	Flor. Mioc.
		scuderi Wickh. 14a-432	Flor. Mioc.

## MYCETOPHAGIDÆ

**Mycetophagus** Hellw.

- exterminatus Wickh. 13-13 Flor. Mioc.  
willistoni Wickh. 13-12 Flor. Mioc.

## COLYDIIDÆ

**Rhagoderidea** Wickh. 14a-430

- striata Wickh. 14a-431 Flor. Mioc.

**Phæonemites** Wickh. 12a-13

- miocenus Wickh. 12a-14 Flor. Mioc.

**Eucicones** Sharp.

- oblongopunctata (Wickh.) 13-12 Flor. Mioc.

## LATHRIDIIDÆ

**Corticaria** Marsh.

- æterna Wickh. 14-259 Flor. Mioc.  
egregia Wickh. 14a-433 Flor. Mioc.

**occlusa** Wickh. 14a-433

- petrefacta Wickh. 13-14 Flor. Mioc.

## COCCINELLIDÆ

**Coccinella** L.

- florissantensis Wickh. 14a-429 Flor. Mioc.  
sodoma Wickh. 13b-360 Flor. Mioc.

**Anatis** Muls.

- resurgens Wickh. 17-465 Flor. Mioc.

**Adalia** Muls.

- subversa Scudd. 00-80 Flor. Mioc.

**Chilocorus** Leach.

- ulkei Scudd. 00-81 Flor. Mioc.

## ALLECULIDÆ

**Hymenorus** Muls.

- haydeni Wickh. 14a-486 Flor. Mioc.

**Capnochroa** Lec.

- senilis Wickh. 13b-365 Flor. Mioc.

**Pseudocistela** Cr.

- antiqua (Wickh.) 13b-365 Flor. Mioc.  
vulcanica (Wickh.) 14a-485 Flor. Mioc.

**Cistelites** Heer 65-89

- minor Heer 74-25 Greenl. Eoc.  
punctulatus Heer 70a-484 Greenl. Eoc.

**Isomira** Muls.

- aurora Wickh. 14-268 Flor. Mioc.  
florissantensis Wickh. 14a-486 Flor. Mioc.

## TENEBRIONIDÆ

**Miostenosis** Wickh. 13a-297

- lacordairei Wickh. 13a-297 Flor. Mioc.

**Pactostoma** Lec.

- prima (Wickh.) 10-51 Flor. Mioc.

**Eleodes** Esch.

- grandicollis elongata (Grinnell) 08-215 Cal. Pleist.  
bchri Grinnell 08-213 Cal. Pleist.  
syn. intermedia Grinnell 08-215 Cal. Pleist.

**Ulus** Horn

- minutus Wickh. 14-266 Flor. Mioc.

**Blapstinus** Latr.

- linellii Wickh. 13a-298 Flor. Mioc.

**Ephalus** Lec.

- adumbratus Scudd. 93 pl. 1, 00-115 Flor. Mioc.

**Proteleates** Wickh. 14-267

- centralis Wickh. 14-267 Flor. Mioc.

**Platydemia** Cast. & Brulle

- antiquorum Wickh. 12a-32 Flor. Mioc.  
bethunei Wickh. 13a-299 Flor. Mioc.

**Tenebrio** Linn.

- calculensis Scudd. 92-31 Can. Pleist.  
primigenius Scudd. 79-183B B. C. Mioc.

**Helops** Fab.

- wetteravicus Heer 83-145 Greenl. Eoc.

**Meracantha** Kby.

- lacustris Wickh. 09-129 Flor. Mioc.

**Protoplatycera** Wickh. 14a-484

- laticornis Wickh. 14a-484 Flor. Mioc.

## MELANDRYIDÆ

**Synchroa** Newn.

quiescens Wickh. 11-62      Flor. Mioc.

## ANOBIIDÆ

**Xestobium** Mots.

alutaceum Wickh. 13b-363      Flor. Mioc.

**Ernobius** Thoms.

effetus Wickh. 14a-450      Flor. Mioc.

**Oligomerus** Redt.

breviusculus Wickh. 16-8      Flor. Mioc.

duratus Wickh. 14a-451      Flor. Mioc.

florissantensis Wickh. 14a-451      Flor. Mioc.

**Sitodrepa** Thoms.

defuncta Scudd. 76-82      G. R. Eoc.

**Gastrallanobium** Wickh. 14-261

subconfusum Wickh. 14-261      Flor. Mioc.

**Anobium** Fab.

deceptum Scudd. 78a-763      G. R. Eoc.

durescens Scudd. 93 pl. 1, 00-103      Flor. Mioc.

lignitum Scudd. 78a-763      G. R. Eoc.

ovale Scudd. 78a-762      G. R. Eoc.

**Vrilletta** Lec.

monstrosa Wickh. 17-468      Flor. Mioc.

tenuistriata Wickh. 13-16      Flor. Mioc.

## BOSTRICHIDÆ

**Xylobiops** Csy.

lacustre Wickh. 12a-21      Flor. Mioc.

**Amphicerus** Lec.

sublævis Wickh. 14a-452      Flor. Mioc.

**Protapate** Wickh. 12a-20

contorta Wickh. 12a-20      Flor. Mioc.

**Dinoderus** Steph.

cuneicollis Wickh. 13-16      Flor. Mioc.

## SCARABÆIDÆ

**Chœridium** Serv.

cbeninum Horn 76-244      P. K. Pleist.

**Phanæus** MacL.

antiquus Horn 76-245      P. K. Pleist.

**Ægialia** Latr.

rupta Scudd. 90-489      G. R. Eoc.

**Aphodius** Ill.

aboriginalis Wickh. 12a-22      Flor. Mioc.

florissantensis Wickh. 11-59      Flor. Mioc.

granarioides Wickh. 13a-293      Flor. Mioc.

inundatus Wickh. 14-262      Flor. Mioc.

laminicola Wickh. 10-49      Flor. Mioc.

mediævus Wickh. 14a-455      Flor. Mioc.

præemptor Wickh. 13-17      Flor. Mioc.

precursor Horn 76-245      P. K. Pleist.

senex Wickh. 14a-456      Flor. Mioc.

shoshonis Wickh. 12a-23      Flor. Mioc.

**Oxyomus** Cast.

nearcticus Wickh. 14a-453      Flor. Mioc.

**Atænius** Harold

patescens Scudd. 93 pl. 1, 00-104      Flor. Mioc.

restructus (Wickh.) 12a-22      Flor. Mioc.

**Amphicoma** Latr.

defuncta Wickh. 10-49      Flor. Mioc.

**Trox** Fab.

antiquus Wickh. 09-129      Flor. Mioc.

oustaleti Scudd. 79-179B      B. C. Mioc.

**Serica** MacL.

antediluviana Wickh. 12a-23      Flor. Mioc.

cockerelli Wickh. 14-262      Flor. Mioc.

**Diplotaxis** Kby.

aurora Wickh. 13a-294      Flor. Mioc.

simplicipes Wickh. 12a-25      Flor. Mioc.

**Phyllophaga** Harris

extincta (Wickh.) 16-9      Flor. Mioc.

**Listrochelus** Blanch.

puerilis Wickh. 14a-459      Flor. Mioc.

**Miolachnosterna** Wickh. 14a-458

tristoides Wickh. 14a-458      Flor. Mioc.

**Macroductylus** Latr.

pluto Wickh. 12a-24      Flor. Mioc.

propheticus Wickh. 12a-25      Flor. Mioc.

**Hoplia** Ill.

striatipennis Wickh. 14a-457      Flor. Mioc.

**Anomala** Sam.

exterranea Wickh. 14a-459      Flor. Mioc.

scudderi Wickh. 14a-460      Flor. Mioc.

**Ligyris** Burm.

compositus Wickh. 11-59      Flor. Mioc.

effetus Wickh. 14a-461      Flor. Mioc.

**Strategus** Hope

cessatus Wickh. 14a-461      Flor. Mioc.



## LUCANIDÆ

<b>Lucanus</b> Scop.	<b>Ceruchus</b> MacL.
fossilis Wickh. 13a-293	fuchsii Wickh. 11-58
Flor. Mioc.	Flor. Mioc.

## CERAMBYCIDÆ

<b>Palæosmodicum</b> Wickh. 14-264	<b>Callidiopsites</b> Wickh. 13b-363
hamiltoni Wickh. 14-264	grandiceps Wickh. 13b-364
Flor. Mioc.	Flor. Mioc.
<b>Spondylis</b> Fab.	<b>Phymatodes</b> Muls.
florissantensis Wickh. n.m.	miocenicus Wickh. 14a-462
syn. tertarius Wickh. 17-469	volans Beutenm. & Ckll. 08-68
Flor. Mioc.	Flor. Mioc.
<b>Dryobius</b> Lec.	<b>Clytus</b> Laich
miocenicus Beutenm. & Ckll. 08-68	florissantensis Wickh. 14a-464
Flor. Mioc.	Flor. Mioc.
<b>Elaphidion</b> Serv.	<b>Stenosphenus</b> Hald.
extinctum Wickh. 14a-463	pristinus Wickh. 14a-463
fracticorne Wickh. 11-60	Flor. Mioc.
Flor. Mioc.	<b>Protipochus</b> Wickh. 14a-467
<b>Gaurotes</b> Lec.	vandykei Wickh. 14a-468
striatopunctatus Wickh. 14a-465	Flor. Mioc.
Flor. Mioc.	<b>Acanthoderes</b> Serv.
<b>Leptura</b> L.	lengii Wickh. 14-265
antecurrens Wickh. 13a-295	Flor. Mioc.
ingenua Wickh. 14a-467	<b>Leptostylus</b> Lec.
leidy Wickh. 13b-364	scudderi Wickh. 14a-469
nanella Wickh. 14a-466	Flor. Mioc.
petrorum Wickh. 12a-26	<b>Parolamia</b> Scudd. 78-529
ponderosissima Wickh. 13a-295	rudis Scudd. 78-530
Flor. Mioc.	Flor. Mioc.
<b>Callimoxys</b> Kr.	<b>Protoncideres</b> Wickh. 13-18
primordialis Wickh. 11-61	primus Wickh. 13-18
Flor. Mioc.	Flor. Mioc.
<b>Hylotrupes</b> Serv.	<b>Saperda</b> Fab.
puncticollis Wickh. 14-264	florissantensis Wickh. 16-10
Flor. Mioc.	lesquereuxi Ckll. 16-105
<b>Callidium</b> Fab.	submersa Ckll. 08b-75
grandævum Wickh. 17-469	Flor. Mioc.
Flor. Mioc.	

## CHRYSEMELIDÆ

<b>Donacia</b> Fab.	<b>Colaspis</b> Fab.
elongatula Scudd. 98-745: 00-108	ætatis Wickh. 11-61
Mass. Pleist.	Flor. Mioc.
pompatica Scudd. 90-486	diluvialis Wickh. 14a-471
Scar. Pleist.	Flor. Mioc.
primæva Wickh. 12a-26	luti Scudd. 93-pl. 1, 00-109
Flor. Mioc.	Flor. Mioc.
stiria Scudd. 90-486	proserpina Wickh. 14a-472
Scar. Pleist.	Flor. Mioc.
strioides Wickh. 17a-145	<b>Metachroma</b> Lec.
Ill. Pleist.	florissantensis Wickh. 12a-28
<b>Lema</b> Fab.	Flor. Mioc.
evanescens Wickh. 10-50	<b>Chrysomela</b> L.
Flor. Mioc.	vesperalis Scudd. 93-pl. 2, 00-110
fortior Wickh. 14a-470	Flor. Mioc.
Flor. Mioc.	<b>Chrysomelites</b> Heer 65-89
lesquereuxi Wickh. 14-266	alaskanus Heer 69-39
Flor. Mioc.	Alask. Olig.
<b>Crioceridea</b> Wickh. 12a-27	fabricii Heer 68-129
dubia Wickh. 12a-27	Greenl. Eoc.
Flor. Mioc.	lindhageni Heer 70-76
<b>Saxinis</b> Lac.	Greenl. Eoc.
regularis Scudd. 98-745: 00-108	<b>Trirhabda</b> Lec.
Mass. Pleist.	majuscula Wickh. 14a-475
<b>Cryptocephalus</b> Geoffr.	Flor. Mioc.
miocenus Wickh. 13-18	megacephala Wickh. 14a-475
Flor. Mioc.	Flor. Mioc.
vetustus Scudd. 78a-764	sepulta Wickh. 14a-474
G. R. Eoc.	Flor. Mioc.
<b>Cryptocephalites</b> Scudd. 92-33	<b>Galerucella</b> Cr.
punctatus Scudd. 92-33	picea Scudd. 79-182B
B. C. Mioc.	B. C. Mioc.

**Diabrotica** Chev.

bowditchiana Wickh. 14a-473	Flor. Mioc.
excsa Wickh. 11-62	Flor. Mioc.
florissantella Wickh. 14a-474	Flor. Mioc.
utcana Wickh. 14a-473	Flor. Mioc.

**Luperodes** Mots.

submonilis Wickh. 14-266	Flor. Mioc.
--------------------------	-------------

**Oryctoscirtetes** Scudd. 76-82

protogæum Scudd. 76-83	Flor. Mioc.
------------------------	-------------

**Plectrotetrophanes** Wickh. 14a-477

hageni Wickh. 14a-477	Flor. Mioc.
-----------------------	-------------

**Haltica** Geoff.

renovata Wickh. 14a-476	Flor. Mioc.
-------------------------	-------------

**Prochætocnema** Wickh. 14a-478

florissantella Wickh. 14a-478	Flor. Mioc.
-------------------------------	-------------

**Systema** Clark

florissantensis Wickh. 13a-296	Flor. Mioc.
--------------------------------	-------------

**Chalepus** Thunb.

americanus (Wickh.) 14a-479	Flor. Mioc.
-----------------------------	-------------

## MYLABRIDÆ

**Mylabris** Müll.

aboriginalis (Wickh.) 14a-482	Flor. Mioc.
anilis (Scudd.) 76-82	White R. Eoc.
antæus (Wickh.) 17-470	Flor. Mioc.
bowditchi (Wickh.) 12a-30	Flor. Mioc.
carophiloides (Wickh.) 14a-482	Flor. Mioc.
dormescens (Wickh.) 13a-297	Flor. Mioc.
exhumatus (Wickh.) 12a-29	Flor. Mioc.
florissantensis (Wickh.) 12a-30	Flor. Mioc.
haywardi (Wickh.) 12a-31	Flor. Mioc.
henshawi (Wickh.) 12a-28	Flor. Mioc.

osborni (Wickh.) 12a-32	Flor. Mioc.
primoticus (Wickh.) 14a-480	Flor. Mioc.
scudderi (Wickh.) 12a-31	Flor. Mioc.
submersus (Wickh.) 14a-481	Flor. Mioc.
succintus (Wickh.) 13-19	Flor. Mioc.
wilsoni (Wickh.) 13-19	Flor. Mioc.

**Spermophagus** Schön.

vivificatus Scudd. 76-82	Flor. Mioc.
pluto Wickh. 14a-480	Flor. Mioc.

## PLATYSTOMIDÆ

**Ormiscus** Waterh.

partitus Scudd. 90-467	G. R. Eoc.
------------------------	------------

**Saperdirhynchus** Scudd. 93-160

priscotitillator Scudd. 93-161	Flor. Mioc.
--------------------------------	-------------

**Tropideres** Schön.

remotus Scudd. 93-162	G. R. Eoc.
vastatus Scudd. 93-162	Flor. Mioc.

**Stiraderes** Scudd. 93-163

conradi Scudd. 93-163	Flor. Mioc.
-----------------------	-------------

**Anthribus** Geoffr.

sordidus Scudd. 93-165	Flor. Mioc.
------------------------	-------------

**Euparius** Schön.

adumbratus (Wickh.) 11-69	Flor. Mioc.
arcessitus (Scudd.) 93-165	Flor. Mioc.
elusus (Scudd.) 78a-768	G. R. Eoc.
repertus (Scudd.) 78a-768	G. R. Eoc.

**Brachytarsus** Schön.

dubius Wickh. 13-27	Flor. Mioc.
pristinus Scudd. 76-87	G. R. Eoc.

**Choragus** Kby.

ficilis Scudd. 90-465	G. R. Eoc.
-----------------------	------------

## CURCULIONIDÆ

**Masteutes** Scudd. 93-12

rupis Scudd. 93-12	Flor. Mioc.
saxifer Scudd. 93-13	Flor. Mioc.

**Auletes** Schön.

florissantensis Wickh. 13-22	Flor. Mioc.
wymani Scudd. 93-13	Flor. Mioc.

**Eugnamptus** Schön.

decemsatus Scudd. 78a-764	G. R. Eoc.
grandævus Scudd. 76-83	G. R. Eoc.

**Eugnamptidea** Wickh. 12-42

robusta Wickh. 16-12	Flor. Mioc.
tertiaria Wickh. 12-42	Flor. Mioc.

**Rhynchites** Hbst.

laminarum Wickh. 16-11	Flor. Mioc.
subterraneus Scudd. 93-15	Flor. Mioc.
vulcan Wickh. 16-10	Flor. Mioc.

**Paltorhynchus** Scudd. 93-18

bisulcatus Scudd. 93-19	Roan Mt. Eoc.
narwhal Scudd. 93-18	Flor. Mioc.
rectirostris Scudd. 93-19	Flor. Mioc.

**Isothea** Scudd. 93-20

alleni Scudd. 93-20	Flor. Mioc.
---------------------	-------------

**Trypanorhynchus** Scudd. 93-21

corruptivus Scudd. 93-22	Flor. Mioc.
depratus Scudd. 93-22	Flor. Mioc.

exilis Wickh. 13-23 Flor. Mioc.  
 minutissimus Wickh. 13-22 Flor. Mioc.  
 obliquus Wickh. 13-23 Flor. Mioc.  
 sedatus Scudd. 93-22 Flor. Mioc.

**Docirhynchus** Scudd. 93-24

culex Scudd. 93-25 Flor. Mioc.  
 ibis Wickh. 12a-34 Flor. Mioc.  
 terebrans Scudd. 93-24 Flor. Mioc.

**Teretrum** Scudd. 93-25

primulum Scudd. 93-26 Flor. Mioc.  
 quiescitum Scudd. 93-26 G. R. Eoc.

**Toxorhynchus** Scudd. 93-26

grandis Wickh. 11-63 Flor. Mioc.  
 minusculus Scudd. 93-27 Flor. Mioc.  
 oculatus Scudd. 93-27 Flor. Mioc.

**Steganus** Scudd. 93-28

barrandei Scudd. 93-28 Roan Mt. Eoc.

**Apion** Hbst.

cockerelli Wickh. 11-65 Flor. Mioc.  
 confectum Scudd. 93-82 Flor. Mioc.  
 curiosum Scudd. 93-83 Flor. Mioc.  
 evestigatum Scudd. 93-84 Roan Mt. Eoc.  
 exanimale Scudd. 93-84 Flor. Mioc.  
 florissantensis Wickh. 16-12 Flor. Mioc.  
 pumilum Scudd. 93-82 Flor. Mioc.  
 refrenatum Scudd. 93-85 Flor. Mioc.  
 scudderianum Wickh. 16-13 Flor. Mioc.  
 smithii Scudd. 93-81 Flor. Mioc.

**Phyxelis** Schön.

dilapsus Scudd. 93-41 G. R. Eoc.  
 eradicatus Scudd. 93-43 Roan Mt. Eoc.  
 evigoratus Scudd. 93-42 White R. Eoc.  
 excissus Scudd. 93-42 Roan Mt. Eoc.

**Ophryastes** Schön.

championi Wickh. 12-44 Flor. Mioc.  
 compactus Scudd. 78a-765 G. R. Eoc.  
 grandis Scudd. 93-37 Roan Mt. Eoc.  
 petrarum Scudd. 93-37 Roan Mt. Eoc.

**Ophryastites** Scudd. 93-38

absconsus Scudd. 93-39 Flor. Mioc.  
 cinereus Scudd. 93-39 Flor. Mioc.  
 digressus Scudd. 93-39 White R. Eoc.  
 dispertitus Scudd. 93-40 Roan Mt. Eoc.  
 hendersoni Ckll. 16-105 Colo. Eoc.  
 miocenens Wickh. 12-44 Flor. Mioc.

**Eudiagogus** Schön.

terrosus Scudd. 78a-766 G. R. Eoc.

**Eudomus** Scudd. 93-62

pinguis Scudd. 93-63 Flor. Mioc.  
 robustus Scudd. 93-62 Flor. Mioc.

**Eucryptus** Scudd. 93-63

sectus Scudd. 93-64 Flor. Mioc.

**Tanymecus** Germ.

seculorum Scudd. 90-475 G. R. Eoc.

**Pandeleiteius** Schön.

nudus (Wickh.) 17-470 Flor. Mioc.

**Cyphus** Germ.

florissantensis Wickh. 14a-493 Flor. Mioc.  
 subterraneus Wickh. 11-64 Flor. Mioc.

**Lachnopus** Schön.

humatus Scudd. 93-53 Flor. Mioc.  
 recuperatus Scudd. 93-52 Flor. Mioc.

**Evopes** Scudd. 93-53

occubatus Scudd. 93-55 Flor. Mioc.  
 veneratus Scudd. 93-54 Flor. Mioc.

**Scythropus** Schön.

abacus Scudd. 93-60 White R. Eoc.  
 somniculosus Scudd. 93-60 Roan Mt. Eoc.  
 subterraneus Scudd. 93-59 G. R. Eoc.

**Hormorus** Horn.

saxorum Scudd. 93-33 Flor. Mioc.

**Epicærus** Schön.

effossus Scudd. 76-85 G. R. Eoc.  
 exanimus Scudd. 76-85 G. R. Eoc.  
 saxatilis Scudd. 76-84 G. R. Eoc.

**Omileus** Horn

evanidus Scudd. 93-55 Flor. Mioc.

**Artipus** Sahlb.

receptus Scudd. 93-51 White R. Eoc.

**Barypeithes** Ja q.-Duv.

obdurefactus (Scudd.) 93-40 Roan Mt. Eoc.

**Trigonoscuta** Mots.

inventata Scudd. 93-34 Flor. Mioc.

**Tenillus** Scudd. 93-35

firmus Scudd. 93-35 Flor. Mioc.

**Brachyrhinus** Latr.

flaccus (Scudd.) 93-45 Roan Mt. Eoc.  
 perditus (Scudd.) 76-84 G. R. Eoc.  
 subterrae (Scudd.) 93-45 Roan Mt. Eoc.  
 tumbæ (Scudd.) 90-477 G. R. Eoc.  
 syn. dubius (Scudd.) 78a-766

**Otiorynchites** Fritsch 82-5

absentivus Scudd. 93-46 Flor. Mioc.  
 commutatus Scudd. 93-48 Roan Mt. Eoc.  
 florissantensis Wickh. 11-64 Flor. Mioc.  
 fossilis Scudd. 93-47 Wyo. Eoc.  
 tysoni Scudd. 93-47 Roan Mt. Eoc.

**Entimus** Germ.

primordialis Scudd. 76-84 White R. Eoc.

**Syntomostylus** Scudd. 93-50

rudis Scudd. 93-50 Roan Mt. Eoc.  
 fortis Ckll. 09-447 G. R. Eoc.

**Phyllobius** Germ.

antecessor Scudd. 93-57 Roan Mt. Eoc.  
 avus Scudd. 93-58 White R. Eoc.  
 carcerarius Scudd. 93-57 White R. Eoc.

**Sitona** Germ.

exitiorum Scudd. 93-67 Flor. Mioc.  
 fodinarum Scudd. 93-67 G. R. Eoc.  
 paginarum Scudd. 93-68 Roan Mt. Eoc.

**Centron** Scudd. 93-69

morcollis Scudd. 93-70 Flor. Mioc.

**Limalophus** Scudd. 93-71

compositus Scudd. 93-71 G. R. Eoc.  
 contractus Scudd. 93-72 G. R. Eoc.



**Coniatus** Germ.

- differens Wickh. 12-46 Flor. Mioc.  
 evisceratus Scudd. 93-78 Flor. Mioc.  
 refractus Scudd. 93-79 White R. Eoc.

**Geralophus** Scudd. 93-72

- antiquarius Scudd. 93-74 Flor. Mioc.  
 discessus Scudd. 93-77 Flor. Mioc.  
 fossicius Scudd. 93-75 Flor. Mioc.  
 lassatus Scudd. 93-76 Flor. Mioc.  
 occultus (Scudd.) 76-87 Flor. Mioc.  
 pumiceus Scudd. 93-77 Flor. Mioc.  
 repositus Scudd. 93-76 Flor. Mioc.  
 retritatus Scudd. 93-77 Flor. Mioc.  
 saxuosus Scudd. 93-75 Flor. Mioc.  
 scudderii Wickh. 11-65 Flor. Mioc.

**Lepyrus** Germ.

- evictus Scudd. 93-88 G. R. Eoc.

**Listronotus** Jek.

- muratus Scudd. 90-474 G. R. Eoc.

**Pachylobius** Lec.

- compressus Scudd. 93-90 Roan Mt. Eoc.  
 delecticius Scudd. 93-90 White R. Eoc.  
 deprædatus Scudd. 93-91 Roan Mt. Eoc.

**Hylobius** Germ.

- laoei Scudd. 93-92 Flor. Mioc.  
 packardi Scudd. 93-92 G. R. Eoc.  
 provectus Scudd. 76-86 G. R. Eoc.

**Hylobiites** Scudd. 92-30

- cretaceus Scudd. 92-30 Man. Cret.

**Laccopygus** Scudd. 93-93

- nilesii Scudd. 93-94 Flor. Mioc.

**Dorytomus** Germ.

- coercitus Scudd. 93-99 Flor. Mioc.  
 williamsi Scudd. 93-99 Flor. Mioc.

**Grypidius** Schön.

- curvirostris Scudd. 93-100 Flor. Mioc.

**Notaris** Germ.

- brevicollis (Scudd.) 93-101 Flor. Mioc.  
 consumptus (Scudd.) 00a-87 Tor. Pleist.

**Procas** Steph.

- verberatus Scudd. 93-103 Flor. Mioc.  
 vinculatus Scudd. 93-102 Roan Mt. Eoc.

**Numitor** Scudd. 93-103

- claviger Scudd. 93-104 Flor. Mioc.

**Smicrorhynchus** Scudd. 93-104

- macgeei Scudd. 93-105 Flor. Mioc.

**Eirrhinus** Schön.

- dormitus Scudd. 93-105 Flor. Mioc.

**Tychius** Germ.

- evolatus Scudd. 93-120 Flor. Mioc.  
 ferox Wickh. 17-471 Flor. Mioc.  
 secretus Scudd. 93-120 Flor. Mioc.  
 whitneyi (Scudd.) 93-121 Flor. Mioc.

**Magdalis** Germ.

- sedimentorum Scudd. 93-107 Flor. Mioc.  
 striaticeps Wickh. 11-66 Flor. Mioc.

**Balaninus** Germ.

- anicularis Scudd. 93-142 Flor. Mioc.  
 becklyi Ckll. 18-307 Colo. Eoc.  
 duttoni Scudd. 93-144 Flor. Mioc.  
 extinctus (Wickh.) 12-53 Flor. Mioc.  
 femoratus Scudd. 93-143 Flor. Mioc.  
 flexirostris Scudd. 93-144 Flor. Mioc.  
 florissantensis Wickh. 13-26 Flor. Mioc.  
 minusculus Scudd. 93-143 Flor. Mioc.  
 minusculoides Wickh. 11-67 Flor. Mioc.  
 restrictus Scudd. 93-142 Flor. Mioc.

**Macrorhoptus** Lac.

- intutus Scudd. 93-118 Flor. Mioc.

**Anthonomus** Germ.

- arctus Scudd. 93-113 Flor. Mioc.  
 concussus Scudd. 93-113 Flor. Mioc.  
 corruptus Scudd. 93-114 Flor. Mioc.  
 debilitatus Scudd. 93-112 Flor. Mioc.  
 defossus Scudd. 76-86 Flor. Mioc.  
 eversus Scudd. 00a-88 Tor. Pleist.  
 evigilatus Scudd. 93-112 Flor. Mioc.  
 fossilis Scudd. 00a-88 Tor. Pleist.  
 lapsus Scudd. 00a-89 Tor. Pleist.  
 primordius Scudd. 93-112 Flor. Mioc.  
 principalis (Scudd.) 93-109 Flor. Mioc.  
 requiescens (Scudd.) 93-109 Flor. Mioc.  
 reventus Scudd. 93-114 Flor. Mioc.  
 revictus Scudd. 93-117 Flor. Mioc.  
 rohweri Wickh. 12-48 Flor. Mioc.  
 soporus Scudd. 90-472 G. R. Eoc.

**Cremastorhynchus** Scudd. 93-110

- stabilis Scudd. 93-110 Flor. Mioc.

**Orchestes** Ill.

- avus Scudd. 00a-89 Tor. Pleist.  
 languidulus Scudd. 93-117 Flor. Mioc.

**Acalyptus** Schön.

- obtusus Scudd. 93-108 Flor. Mioc.

**Prionomerus** Schön.

- irvingii Scudd. 93-119 Flor. Mioc.

**Gymnetron** Schön.

- antecurrens Scudd. 93-122 Flor. Mioc.  
 lecontei Scudd. 78a-767 G. R. Eoc.

**Cleonus** Schön.

- degeneratus Scudd. 93-98 Flor. Mioc.  
 estriatus Wickh. 12-47 Flor. Mioc.  
 exterraneus Scudd. 93-96 Flor. Mioc.  
 foersteri Scudd. 93-97 Flor. Mioc.  
 primoris Scudd. 93-97 Flor. Mioc.  
 rohweri Wickh. 11-66 Flor. Mioc.

**Eocleonus** Scudd. 93-95

- subjectus Scudd. 93-95 Flor. Mioc.

**Baris** Germ.

- antediluviana Wickh. 16-14 Flor. Mioc.  
 cremastorhynchoides Wickh. 13-25 Flor. Mioc.  
 divisa Scudd. 93-134 Flor. Mioc.  
 florissantensis Wickh. 13-24 Flor. Mioc.  
 harlani Scudd. 93-134 Flor. Mioc.  
 hoveyi Wickh. 12-52 Flor. Mioc.  
 imperfecta Scudd. 93-135 Flor. Mioc.  
 matura Scudd. 93-135 Flor. Mioc.  
 nearctica Wickh. 16-15 Flor. Mioc.

primalis Wickh. 17-471  
renovata Wickh. 16-15  
schucherti Wickh. 12-52

Flor. Mioc.  
Flor. Mioc.  
Flor. Mioc.

**Aulobaris** Lec.

anicilla Scudd. 93-137 Roan Mt. Eoc.  
circumscrip̄ta Scudd. 93-137 Roan Mt. Eoc.  
comminuta Scudd. 93-138 White R. Eoc.  
damnata Scudd. 93-136 Flor. Mioc.

**Miogeræus** Wickh. 16-16

recurrens Wickh. 16-16 Flor. Mioc.

**Centrinus** Schön.

disruptus Scudd. 93-139 G. R. Eoc.  
disjunctus Scudd. 00a-89 Tor. Pleist.  
hypogæus Wickh. 16-17 Flor. Mioc.  
obnuptus Scudd. 93-138 Flor. Mioc.  
vulcanicus (Wickh.) 12-48 Flor. Mioc.

**Pachybaris** Lec.

rudis Wickh. 12a-35 Flor. Mioc.

**Catobaris** Scudd. 93-140

cœnosa Scudd. 93-140 Flor. Mioc.

**Cœliodes** Schön.

primotinus Scudd. 93-129 Flor. Mioc.

**Ceutorhynchus** Germ.

blaisdelli Wickh. 16-13 Flor. Mioc.  
clausus Scudd. 93-131 Flor. Mioc.  
compactus Scudd. 93-132 Flor. Mioc.  
degravatus Scudd. 93-132 Roan Mt. Eoc.  
duratus Scudd. 93-131 Flor. Mioc.  
evinctus Scudd. 93-130 Flor. Mioc.

**Conotrachelus** Schön.

florissantensis Wickh. 12-49 Flor. Mioc.

**Ryssematus** Schön.

tabescens (Scudd.) 93-123 Roan Mt. Eoc.

**Rhysosternum** Scudd. 93-124

æternabile Scudd. 93-125 Flor. Mioc.  
longirostre Scudd. 93-125 Flor. Mioc.

**Acalles** Schön.

exhumatus Wickh. 13-24 Flor. Mioc.

**Cryptorhynchus** Ill.

annosus Scudd. 76-86 G. R. Eoc.  
coloradensis Wickh. 12-50 Flor. Mioc.  
durus Scudd. 93-126 Roan Mt. Eoc.  
fallii Wickh. 12-51 Flor. Mioc.  
kerri Scudd. 93-127 Flor. Mioc.  
profusus Scudd. 93-127 Flor. Mioc.

**Elytrulum** Handl. 08-663

multipunctatum (Heer) 83-143 Greenl. Cret.

**Curculiopsis** Handl. 08-663

cretacea (Heer) 74a-92 Greenl. Cret.

**Archiorhynchus** Heer 74a-91

angusticollis Heer 74a-91 Greenl. Cret.

**Spodotribus** Scudd. 93-152

terrulentus Scudd. 93-152 Flor. Mioc.

**Lithophthorus** Scudd. 93-153

rugosicollis Scudd. 93-154 Flor. Mioc.

**Cossonus** Clairv.

- gabbii Scudd. 93-155 Flor. Mioc.  
rutilus Scudd. 93-155 Roan Mt. Eoc.

**Sciabregma** Scudd. 93-146

rugosa Scudd. 93-147 Roan Mt. Eoc.

**Scyphophorus** Schön.

fossionis Scudd. 93-148 Flor. Mioc.  
lævis Scudd. 93-148 Flor. Mioc.  
tertiarius Wickh. 11-68 Flor. Mioc.

**Oryctorhinus** Scudd. 93-149

tenuirostris Scudd. 93-149 Flor. Mioc.

**Calandrites** Scudd. 93-150

cineratius Scudd. 93-151 Roan Mt. Eoc.  
defessus Scudd. 93-150 Roan Mt. Eoc.  
hindsii Ckll. 16-105 Colo. Eoc.  
ursorum Ckll. 18-308 Colo. Eoc.

## SCOLYTIDÆ

**Polygraphus** Er.

wortheni Scudd. 93-158 Roan Mt. Eoc.

**Phthorophlœus** Rey

zimmermanni (Wickh.) 16-19 Flor. Mioc.

**Phlœosinus** Chap.

squalidens Scudd. 90-468 Scar. Pleist.

**Leperisinus** Reitt.

extractus (Scudd.) 93-159 Flor. Mioc.  
?dormiscens (Scudd.) 93 pl. 1: 00-92 G. R. Eoc.

**Hylurgops** Lec.

piger Wickh. 13-27 Flor. Mioc.

**Hylastes** Er.

americanus Wickh. 13-27 Flor. Mioc.

**Pityophthoridea** Wickh. 16-18

diluvialis Wickh. 16-18 Flor. Mioc.

**Adipocephalus** Wickh. 16-18

hydropicus Wickh. 16-18 Flor. Mioc.

**Xyleborites** Wickh. 13-26

longipennis Wickh. 13-26 Flor. Mioc.

**Dryocœtes** Eich.

carbonarius Scudd. 78a-768 G. R. Eoc.  
impressus Scudd. 76-83 G. R. Eoc.

## FOSSILS IDENTIFIED WITH RECENT SPECIES

## CARABIDÆ

- |                   |                            |                |                            |
|-------------------|----------------------------|----------------|----------------------------|
|                   | <b>Rembus</b> Latr.        |                | <b>Oodes</b> Bon.          |
| laticollis (Lec.) | Vero Pleist. Wickh. 19-356 | amaroides Dej. | Vero Pleist. Wickh. 19-356 |
| major (Lec.)      | Vero Pleist. Wickh. 19-356 |                |                            |
|                   | <b>Chlænius</b> Bon.       |                |                            |
| æstivus Say.      | Vero Pleist. Wickh. 19-356 |                |                            |
| tricolor Dej.     | Vero Pleist. Wickh. 19-356 |                |                            |

## GYRINIDÆ

- Gyrinus** L.  
 confinis Lec. Scar. Pleist. Scudd. 00a-80

## ELATERIDÆ

- Ludius** Esch.  
 ?æthiops (Hbst.) Scudd. 00-96 Mass. Pleist.

## SCARABÆIDÆ

- |               |                                    |               |                            |
|---------------|------------------------------------|---------------|----------------------------|
|               | <b>Copris</b> Geoff.               |               | <b>Strategus</b> Hope.     |
| inemarginatus | Blatch. Vero Pleist. Wickh. 19-356 | antæus (Fab.) | Vero Pleist. Wickh. 19-357 |

## BIBLIOGRAPHY

- |                    |     |  |
|--------------------|-----|--|
| <b>Blaisdell</b>   | 09  | Monographic revision of Eleodiini. Bull. U. S. Nat. Mus. 63.                         |
| <b>Cockerell</b>   | 08  | Fossil insects from Florissant. <Bull. Am. Mus. Nat. Hist. XXIV.                     |
|                    | 08a | Coleopterous larva from Green River shales. <Am. Jour. Sci. XXV.                     |
|                    | 08b | Descriptions of Tertiary insects. <Am. Jour. Sci. XXVI.                              |
|                    | 09  | Eocene fossils from Green River. <Amer. Jour. Sci. XXVIII.                           |
|                    | 11  | Fossil insects from Florissant. <Bull. Am. Mus. Nat. Hist. XXX.                      |
|                    | 16  | Some American fossil insects. <Proc. U. S. Nat. Mus. 51.                             |
|                    | 18  | New species N. A. fossil beetles. <Proc. U. S. Nat. Mus. 54.                         |
| <b>Fritsch</b>     | 82  | Mojs. Beitr. palæont. Oestr.-Ung. II.  |
| <b>Grinnell</b>    | 08  | Quaternary myriopods and insects. <Bull. Dept. Geol. Univ. Calif. V.                 |
| <b>Handlirsch</b>  | 08  | Die fossilen Insekten. Leipzig.  |
| <b>Heer</b>        | 47  | Insektenfauna von Oeningen u. v. Radoboj. Neuchatel.                                 |
|                    | 52  | Ueber die lias-insel im Aargau. Zurich.  |
|                    | 65  | Die urwelt der Schweiz. Zurich.  |
|                    | 68  | Flora fossilis arctica, I. Zurich.   |
|                    | 69  | Flora fossilis alaskana. <Kgl. Svensk. Vet. Ak. Hand. VIII.                          |
|                    | 70  | Miocene flora u. fauna Spitzbergens. <Kgl. Svensk. Vet. Ak. Hand. VIII.              |
|                    | 70a | Fossil flora of North Greenland. <Phil. Trans. CLIX.                                 |
|                    | 74  | Nachträge z. miocenen flora Grönlands. <Kgl. Svensk. Vet. Ak. Hand. XIII.            |
|                    | 74a | Kreide-flora d. arctischen zone. <Kgl. Svensk. Vet. Ak. Hand. XII.                   |
|                    | 78  | Flora fossilis arctica V. Zurich.  |
|                    | 83  | Flora fossilis grönlandica II. Zurich.   |
| <b>Hopkins</b>     | 00  | Fossil Coleopt. referred to Scolytidæ. <Psyche IX.                                   |
| <b>Horn, G. H.</b> | 76  | Coleopterous remains from Port Kennedy. <Tr. Am. Ent. Soc. V.                        |
| <b>Roeschke</b>    | 07  | Mon. d. Caraben-tribus Cychrini. <Ann. Mus. Nat. Hung. V.                            |
| <b>Scudder</b>     | 76  | Fossil Coleopt. from Rocky Mt. Tertiaries. <Bull. U. S. Geol. Geog. Surv. Terr. II.  |
|                    | 77  | Two Carabidæ in interglacial deposits. <Bull. U. S. Geol. Geog. Surv. Terr. III.     |
|                    | 77a | Insects of tertiary beds at Quesnel. <Rept. Prog. Geol. Surv. Can. for 1875-76       |
|                    | 78  | Insects from tertiary rocks of Colo. & Wyo. <Bull. U. S. Geol. Geog. Surv. Terr. IV. |
|                    | 78a | Fossil insects of Green River shales. <Bull. U. S. Geol. Geog. Surv. Terr. IV.       |
|                    | 79  | Fossil insects of British Columbia. <Rept. Prog. Geol. Surv. Can. for 1877-78.       |
|                    | 90  | Tertiary insects of North America. Washington.                                       |
|                    | 92  | Canadian fossil insects. <Cont. Can. Pal. II pt. 1. Ottawa (also dated 1895).        |
|                    | 92a | Insects of special interest from Florissant. <Bull. U. S. Geol. Surv. 93.            |
|                    | 93  | Tertiary rhynchophorous Coleoptera. Mon. U. S. Geol. Surv. XXI.                      |
|                    | 98  | Pleistocene beetles of Fort River. <Mon. U. S. Geol. Surv. XXIX.                     |
|                    | 00  | Adephagous and clavicorn Coleoptera. Mon. U. S. Geol. Surv. XL.                      |
|                    | 00a | Canadian fossil insects. <Cont. Can. Pal. II pt. 2. Ottawa.                          |



- Wickham** 08 New fossil Elateridæ from Florissant.<Am. Jour. Sci. XXVI.  
09 New fossil Coleoptera from Florissant.<Am. Jour. Sci. XXVIII.  
10 New fossil Coleoptera with notes.<Am. Jour. Sci. XXIX.  
11 Fossil Coleoptera from Florissant.<Bull. Am. Mus. Nat. Hist. XXX.  
12 Fossil rhynchophorous Coleoptera.<Bull. Am. Mus. Nat. Hist. XXXI.  
12a Report on fossil Coleoptera.<Bull. Nat. Hist. S. U. I. VI.  
13 Fossil Coleopt. from Wilson ranch.<Bull. Nat. Hist. S. U. I. VI.  
13a Fossil Coleopt. from Florissant.<Proc. U. S. Nat. Mus. XLV.  
13b Princeton collection of fossil beetles.<Ann. Ent. Soc. Am. VI.  
14 Twenty new Coleoptera from Florissant.<Tr. Am. Ent. Soc. XL.  
14a New Miocene Coleoptera.<Bull. Mus. Comp. Zool. LVIII.  
16 New fossil Coleoptera from Florissant.<Bull. Nat. Hist. S. U. I. VII.  
16a The fossil Elateridæ of Florissant.<Bull. Mus. Comp. Zool. LX.  
17 New species of fossil beetles.<Proc. U. S. Nat. Mus. LII.  
17a Fossil beetles from Sangamon peat.<Am. Jour. Sci. XLIV.  
19 Fossil beetles from Vero, Fla.<Am. Jour. Sci. XLVII.



## BIBLIOGRAPHY OF TAXONOMIC COLEOPTEROLOGY TO JANUARY 1, 1919.

---

The following pages are intended to assist in finding the citations that follow the names of species, genera, etc., in the catalogue. For example, after the name of the genus *Amblycheila* appears "Say 23-139." Turning to "Say" in bibliography, opposite the figure 23 in the left hand column, is "Desc. . . . Exp. to Rocky Mts. <" (meaning published in) "Journ. Ac. N. S. Phila., III, 1823, pp. 139-216." This is the paper in which the description was printed — the second figure in the citation gives the page. This method of giving citations may necessitate looking at two or more papers printed in the same year, but usually the pagination (Say's other paper in 1823, for instance, had no page 139), or the subject of the paper, will tell which to use. The title of the paper is often abbreviated but sufficient is always given to show its subject.

There may be some difficulty where the date of publication is uncertain, as is frequently the case with some of the older papers and books, and different writers have cited them under different dates; but this can be surmounted without much delay. A large number of such citations have been corrected from the original but the books have not always been accessible. There may also be some difficulty from separates or reprints having an independent pagination, which in some cases may have been inadvertently cited; this also has been corrected as far as possible, but not entirely, as in citations from Chaudoir's paper of 1868.

An effort has been made to make the bibliography complete, which has been reasonably successful as far as papers describing species are concerned, and other papers written by some American authors; but I fear much still remains to be added of the work of foreign authors. The final revision of the galley proof by Mr. Sherman has added many items and corrections.

I am under heavy obligations to Mr. Andrew J. Mutchler, of the American Museum of Natural History, for continual assistance in preparing this bibliography. His knowledge of the great collection of books in that Museum is remarkable, and is matched by the kindly patience with which his knowledge is made serviceable. I am glad to gratefully acknowledge his help.

C. W. LENG.



- Achard, Julien**  
 14. Lamprosominæ <Genera Insectorum, fasc. 159, 1914.  
 Chlaminæ <Genera Insectorum, fasc. 160, 1914.
- Adams, Chas. C.**, b. July 23, 1875  
 08. Coleop. Isle Royale <Michigan Survey, 1908.
- Adams, Michel.**  
 12. Descrip. de trois Coléop. <Mém. Soc. imp. Mosc. III, pp. 165-173, 1812.  
 17. Descrip. Ins. nov. Ross. <Mém. Soc. imp. Mosc. V, pp. 278-314, 1817.
- Agassiz, Louis J. R.**, b. 1807; d. Dec. 1873  
 42-46. Nomenclator Zoologicus, 2 pts., Soloduri, 1842-1846.
- Ahrens, August**, b. 1779; d. Nov. 28, 1841.  
 10. Beitr. z. e. Mon. Donacia <Neue Schr. d. Naturf. Ges. Halle, I, pp. 1-48, 1810.  
 11. Beschreib. d. g. Wasserkäfer (also 1818) <Neue Schr. d. Naturf. I, 1811, pp. 61-71.  
 12. Beitr. z. k. deut. Käfer <Neue Schr. d. Naturf. II, 1812, pp. 1-40.
- Allard, Ernest**, d. 1900.  
 64. On Sitones <Ann. Soc. Ent. Fr. IV, 1864, pp. 329-384.  
 76. On Helops (Rev. des Hélopides vrais) <L'Abeille, XIV, pp. 1-76, 1876.
- Allard, M.**  
 89. Desc. Malacosoma cimex, &c. <Bull. Soc. Ent. Belg., pp. 33-68, 1889.
- Allibert, Alphonse**  
 44. Mon. d. g. Trichopteryx <Revue Zool., pp. 51-54, 1844.  
 Desc. d. deux. esp. Trichopteryx <Revue Zool., pp. 133-134, 1844.  
 47. Notes sur div. Ins. <Revue Zool., pp. 11-19, 1847.  
 Cat. Trichoptérygiens <Revue Zool., pp. 187-197, 1847.
- Alluaud, Ch.**  
 00. Cupedidæ <Col. rég. malgache, 1900.
- Ancey, C. F.**  
 81. On Pactorhinus <Le Naturaliste, I, 1881, p. 485.
- Andrews, A. W.**  
 17. Coleop. coll. N. E. Nevada <Occ. Papers Mus. Zool. Univ. Mich., pp. 1-3, 1917.
- Angell, George W. J.**, b. Aug. 25, 1860  
 85. Notes on Chrysomela <Ent. Amer. I, pp. 26-27, 1885.  
 89. Deformity in Cychrus <Ent. Amer. V, p. 144, 1889.  
 92. Elmis and Corymbites <Ent. News, III, p. 84, 1892.  
 93. Macrops and Anthonomus <Journ. N. Y. Ent. Soc. I, pp. 12-15, 1893.  
 14. Carabus caseyi, n. m. <Journ. N. Y. Ent. Soc. XXII, p. 75, 1914.
- Angell, John W.**, son of preceding.  
 12. Necrophorus <Ent. News XXI, p. 307, 1912.  
 16. Lucanidæ <Bull. Brooklyn Ent. Soc. XI, p. 70, 1916.
- Arribáizaga, Félix Lynch.**  
 84. Staphylinidæ <Bol. Ac. Cordoba, VII, p. 260, 1884.
- Arrow, Gilbert J.**  
 13. Scarabæidæ (part) <Junk Col. Cat. pars 43, 1913.  
 15. Dermestes nidum, etc. <Ann. Mag. Nat. Hist. (8), XV, p. 426.
- Ashmead, William H.**, b. 1855; d. Oct. 17, 1908.  
 80. Orange Insects, 1880.
- Aubé, Charles**, b. May 8, 1802; d. Sept. 15, 1869.  
 33. Pselaphorum Mon. c. Syn. <Rev. Mag. Zool. III, No. 78-91, pl., 1833.  
 37. Essai sur le genre Monotoma <Ann. Soc. Ent. Fr. VI, pp. 453-469, pl., 1837.  
 38. Hydrocantharcs et Gyriniens <Species Général des Coléoptères, VI, Paris, 1838, pp. 1-304.  
 44. Rev. de la fam. des Psélaphiens <Ann. Soc. Ent. Fr. (2), II, pp. 73-160, pl., 1844.
- Audouin, Jean V.**, b. Apl. 2, 1797; d. Nov. 9, 1841.  
 39. Desc. Cicindélites (w. Brullé) <Arch. Mus. d'Hist. Nat. I, pp. 115-142, 1839.
- Aurivillius, Chr.**, b. 1853  
 00. Lepid. och. Colcop. . . <sup>1</sup> Grönland <Ofvers Kgl. Vet. Akad. Förh. p. 1135, 1900.  
 12. Cerambycidæ <Junk Col. Cat. pars 39, 1912.
- Austin, E. P.**  
 74. Coleop. Mt. Washington, N. H. <Proc. Boston Soc. N. H. XVI, 1874.  
 75. Re-discovery Cicindela limbata <Psyche, pp. 33-34, 1875.  
 76. On the species of Sunius and Pæderus <Psyche, pp. 4-11, 1876.  
 79. Geographical Distribution <Psyche, II, pp. 217-223, 1879.  
 80. Suppl. to Crotch Check List, pp. 1-67, 1880  
 82. Notes on Buprestidæ <Journ. Boston Zool. Soc. I, pp. 43-46, 1882.
- Babington, C. C.**, b. 1808; d. July 12, 1895  
 41. Dytiscidæ Darwinianæ <Trans. Ent. Soc. London, III, 1841, pp. 1-17.  
 On a new British Colymbetes <Ann. of Nat. Hist. VI, 1841, pp. 53-55.

<sup>1</sup> . . . indicates interrupted articles.

- Baer, K. E. V.**, b. 1792; d. 1876.  
 27. Ueber das äussere und innere Skelet <Meckel's Archiv, 1827, pp. 327-374.
- Bainbridge, William**, d. 1841.  
 42. Obs. on Osmoderma <Trans. Ent. Soc. Lond. III, 1842, pp. 214-221.
- Baly, Joseph S.**, b. 1817; d. Mch. 27, 1890.  
 58. Cat. Hispidæ in Brit. Museum, London, 1858, pp. 1-172; pp. 23...459.<sup>1</sup>  
 61. Desc. Chrysomelidæ <Journ. of Ent. I, 1861, pp. 6...442.  
 63. Desc. Chrysomelidæ (Attempt to cl. <Journ. of Ent. II, 1863, pp. 43-163.  
     Eumolp.)  
 64. Desc. Chrysomelidæ (Desc. new gen. and <Journ. of Ent. II, 1864, pp. 219-223.  
     sp. Eumolp.)  
     Desc. Chrysomelidæ <Trans. Ent. Soc. London, 1864, pp. 223...258.  
     Desc. Chrysomelidæ (Zeugophora, etc.) <Ent. Mo. Mag. I, 1864, pp. 183-184.  
     Desc. Chrysomelidæ (Gen. and sp. His- <Ann. Mag. Nat. Hist. 1864, XIV, pp. 261...345.  
     pidæ)  
 65. Desc. Chrysomelidæ <Ent. Mo. Mag. II, 1865, pp. 97...148.  
     Desc. Chrysomelidæ <Trans. Ent. Soc. Lond., 1865, pp. 333...478.  
 74. Cat. Phyt. Col. of Japan <Trans. Ent. Soc. London, 1874, pp. 161-217.  
 85. Desc. Chrysomelidæ <Biol. C. Am. Col. VI, 2, 1885-1886, pp. 1-124.  
 86. Desc. Chrysomelidæ (Diabrotica) <Journ. Linn. Soc. Zool. XIX, pp. 213-259.
- Banks, Nathan**, b. Apl. 13, 1868.  
 98. Bibliography of Economic Entom. pt. 6, U. S. Dept. Agl. Div. Ent. 1898, pp. 1-273.  
     Bibliography of Economic Entom. pt. 7, U. S. Dept. Agl. Div. Ent. 1898, pp. 1-113.  
 00. List of Works on No. Amer. Entom. Bull. 24, U. S. Dept. Agl. Div. Ent. 1900, pp. 1-95.  
 05. Bibliography of Economic Entom. pt. 8, U. S. Dept. Agl. Div. Ent. 1905, pp. 1-132.  
 09. Directions for collecting & preserving ins. Bull. 67, U. S. N. M. 1909, pp. 1-135.  
 10. List of Works on No. Amer. Entom. Bull. 81, N. S. Bur. Ent., 1910, pp. 1-120.  
 12. At the Ceanothus in Virginia <Ent. News, XXIII, 1912, pp. 102-110.  
 17. Index to Literature of Economic Entom. 1905-1914, Melrose Highlands, 1917, pp. 1-323.
- Banks, Nathan and A. N. Caudell.**  
 12. The Entomological Code, Washington, 1912.
- Barber, Herbert S.**, b. Apl. 12, 1882.  
 05. Note on Thaumtoglossa <Proc. Ent. Soc. Wash. VII, 1905, p. 10.  
 08. Dorcatoma dresdenis <Proc. Ent. Soc. Wash. X, 1908, p. 61.  
 12. Heilipus lauri <Proc. Ent. Soc. Wash. XIV, 1912, pp. 181-183.  
 13. A new sp. of Phengodes <Can. Ent. XLV, 1913, pp. 343-344.  
     Notes on Rhipidandri <Proc. Ent. Soc. Wash. XV, 1913, pp. 188-193.  
     Obs. on Micromalthus <Proc. Ent. Soc. Wash. XV, 1913, pp. 31-38.  
     Life History of Micromalthus <Proc. Biol. Soc. Wash. XXVI, 1913, pp. 185-190.  
 14. Dermestes in birds' nests <Proc. Biol. Soc. Wash. XXVII, 1914, p. 146.  
     Notes on Rhipidandri <Proc. Ent. Soc. Wash. XVI, 1914, p. 176.  
     Prothetely in Lopheros <Psyche, 1914, pp. 190-192.  
     Interspecific Mating <Proc. Ent. Soc. Wash. XVI, 1914, pp. 32-34.  
 16. New sp. Orchid Weevil <Proc. Ent. Soc. Wash. XVIII, 1916, pp. 177-179.  
     Rev. of Tortoise Beetles <Proc. Ent. Soc. Wash. XVIII, 1916, pp. 113-127.  
 17. Desc. Orchid Weevils <Proc. Ent. Soc. Wash. XIX, 1917, pp. 12-22.  
     Epimetopus thermanum (w. Schwarz) <Proc. Ent. Soc. Wash. XIX, 1917, pp. 129-155.
- Bates, Henry W.**, b. 1825; d. Feb. 17, 1892.  
 70. On the Longicorn Coleop. etc. <Trans. Ent. Soc. London, 1870, pp. 163-238.  
 72. Cont. Insect Fauna of Amazon Valley <Trans. Ent. Soc. London, 1872, pp. 243-335.  
 73. New Species of Cicindelidæ <Ent. Mo. Mag. X, 1873, pp. 261-269.  
 78. On new gen. and sp. Geod. Col. fr. C.-Am. <Proc. Zool. Soc. London, 1878, pp. 587-609.  
 79. Longicornes <Biol. C.-Am. Col. V, 1879-1885, pp. 1-436.  
 81. Cicindelidæ & Carabidæ <Biol. C.-Am. Col. I, 1881-1884, pp. 1-299.  
 82. New sp. Geod. Col. fr. N. W. Mex. <Ann. Mag. Nat. Hist. IX, 1882, pp. 319-321.  
 86. Lamellicorns <Biol. C.-Am. Col. II, 2, 1886-1889, pp. 1-416.  
 90. Desc. Cicindelidæ <Trans. Ent. Soc. London, 1890, pp. 493-510.  
 91. New Longicorn Col. chiefly fr. Mex. <Ent. Mo. Mag. XXVII, 1841, pp. 158-161.  
 92. Add. to Longicorns of Mex. and C.-Am. <Trans. Ent. Soc. London, 1892, pp. 143-183, pl.
- Baudi di Selve, Flaminio**, d. 1901.  
 73. Coleop. messes in insula Cypro et Asia <Berl. Ent. Zeit. 1873, pp. 317-338.  
     minore
- Beadle, D. W.**  
 61. List of Coleop. coll. in Lincoln Co., Canada <Can. Nat. & Geol. VI, 1861, pp. 383-387.
- Beauregard, H.**, b. 1851.  
 89. Notes on Meloidæ <Bull. Soc. Ent. France, 1889, p. ccxii.  
 90. Les Insectes Vésicants, 1890.
- Beauvois, A. M. F. J. Palisot de**, b. 1752; d. 1820.  
 05. Insectes recueillis en Afrique et en Amérique, Paris, 1805-1821, pp. I-XVI and 1-276, pl.

<sup>1</sup> . . . indicates interrupted pagination.



- Beck, L. von.**  
 17. Beiträge zur baierischen Insectenfauna, Augsburg, 1817.
- Bedel, Louis.**  
 81. Faune des Coléoptères du Bassin de la Seine, 1st part <Extra Publication Soc. Ent. France, 1881, 360 pp., pl.  
 92. Stethoxus <Rev. d'Entom. Caen, X, 1892, p. 307.
- Belfrage, G. W.**  
 76. Price list of Texan Coleoptera <Psyche Advertiser, I, 1876, pp. 1-6 (List of 471 species.)
- Bell, James T.**  
 81. Collection Notes for 1860 <Can. Ent. XIII, 1881, pp. 58-60.  
 85. List of Staphylinidæ. Belleville, Ont. <Can. Ent. XVII, 1885, pp. 49-50.
- Belon, M. J.**  
 84. Note sur q. esp. du g. Cartodère <C. R. Soc. Ent. Belg. XXVIII, 1884, pp. 191-193.
- Belon, O. P.**  
 97. Essai de class. gen. des Lathridiidæ <Rev. d'Ent., 1897, pp. 105-221.  
 02. Lathridiidæ <Genera Insectorum, fasc. 3, 1902.
- Bergé, A.**  
 84. Enum. d. Cétonides d. depuis G. & H. <Ann. Ent. Soc. Belg. XXVIII, 1884, pp. 113-163.
- Bergroth, Ewald, b. 1857.**  
 85. Vega Coleoptera and Hemiptera <Ent. Nach. XI, 1885, pp. 268-270.  
 89. Desc. of Malthodes ligulifer <Bull. Soc. Ent. France, 1889, p. cciii.  
 93. On Cryptohypnus <Ent. Nach. 1893, pp. 305-311.
- Bergstrasser, J. A. B., b. 1732; d. 1812.**  
 78. Nomenclatur d. Insecten, Jahrgang I, 1778, 88 pgs., pl. 1-14.
- Bernhauer, Max, b. Nov. 24, 1866.**  
 01. Desc. Aleocharinæ <Stett. Ent. Zeit. 1901, pp. 366-373.  
 04. Desc. Aleocharinæ <Verh. zool.-bot. Ges. Wien, 1904, pp. 1-24.  
 05. Neue exotische Staphylinidæ <D. E. Z. 1905, pp. 9-21.  
 Neue Aleocharinen aus No. Amer. <D. E. Z. 1905, pp. 249-256.  
 06. Neue Aleocharinen aus No. Amer. II <D. E. Z. 1906, pp. 337-348.  
 07. Desc. Aleocharinæ <D. E. Z. 1907, pp. 381-405.  
 09. Desc. Aleocharinæ <D. E. Z. 1909, pp. 515-528.  
 12. Desc. Aleocharinæ <Pomona Journ. Ent. IV, 1912, pp. 678-683.  
 Desc. Aleocharinæ <1st. Ann. Rep. Laguna Lab. 1912, pp. 170-171.
- Bernhauer, M. and Schubert, K.**  
 10. Staphylinidæ I <Junk Col. Cat. pars 19, 1910.  
 11. Staphylinidæ II <Junk Col. Cat. pars 29, 1911.  
 12. Staphylinidæ III <Junk Col. Cat. pars 40, 1912.  
 14. Staphylinidæ IV <Junk Col. Cat. pars 57, 1914.  
 16. Staphylinidæ V <Junk Col. Cat. pars 67, 1916.
- Berthold, A. A., b. 1803; d. 1861.**  
 27. German transl. Latreille's Nat. Fam. d. Thierreichs, Weimar, 1827.
- Beutenmüller, William, b. Mch. 31, 1864.**  
 87. Coleop. Notes <Ent. Amer. III, 1887, p. 156.  
 90. Desc. Larva Thymalus <Ent. Amer. VI, 1890, p. 57.  
 Food Habits of Chrysomelidæ <Ent. Amer. VI, 1890, p. 175.  
 91. Larva of Scotobates <Psyche, VI, 1891, p. 13-14.  
 Cat. Transformations Coleoptera <Journ. N. Y. Micros. Soc. VII, 1891, pp. 1-52.  
 93. Food Habits of Rhynchophora <Journ. N. Y. Ent. Soc. I, 1893, pp. 36-88.  
 96. Food Habits of N. A. Cerambycidæ <J. N. Y. Ent. Soc. IV, 1896, pp. 73-81.  
 03. Beetles fr. Black Mts. N. C. <Bull. Am. Mus. N. H. XIX, 1903, pp. 511-519.  
 13. Nomaretus n. sp. <Insec. Insc. Menstr. I, 1913, pp. 139-140.  
 18. Notes on Cychrus <Bull. Br. Ent. Soc. XIII, 1918, pp. 89-90.
- Beuthin, H., b. 1830; d. Dec. 29, 1918.**  
 89. Varieties of Carabus nemoralis <Ent. Nach. XV, 1889, pp. 374-375.
- Bickhardt, H.**  
 12. Note on Melanotærius infernalis <Psyche, XIX, 1912, p. 97.
- Billberg, G. J., b. 1772**  
 20. Novæ Ins. species descriptæ <Mém. Acad. St. Petersbourg, VII, 1820, pp. 381-395.
- Biologia Centrali-Americana, Coleoptera, contains:**
- vol. I, part 1, Cicindelidæ, by H. W. Bates, pp. 1-18, 1881.  
 Carabidæ, by H. W. Bates, pp. 19-40, 1881; pp. 41-152, 1882; pp. 153-256, 1883; pp. 257-296, 1884.
- vol. I, part 2, Aquatic Beetles, by D. Sharp, pp. 1-144, 1882.  
 Staphylinidæ, by D. Sharp, pp. 145-344, 1883; pp. 345-416, 1884; pp. 417-536, 1885; pp. 537-672, 1886; pp. 673-802, 1887.



**Biologia Centrali-Americana**

- vol. II, part 1, Pselaphidæ & Scydmaenidæ, by D. Sharp, pp. 1-71, 1887.  
 Silphidæ, by A. Matthews, pp. 72-101, 1887.  
 Corylophidæ, by A. Matthews, pp. 102-181, 1888.  
 Histeridæ, by G. Lewis, pp. 182-243, 1888.  
 Clavicorns, by D. Sharp, pp. 244-256, 1888; pp. 257-304, 1889;  
 pp. 305-336, 1890; pp. 337-440, 1891;  
 pp. 441-489, 1894; pp. 489-496, 1895;  
 pp. 497-625, 1900; pp. 626-688, 1902;  
 pp. 689-690, 1905.
- vol. II, part 2, Lamellicorns, by H. W. Bates, pp. 1-24, 1886; pp. 25-160, 1887; pp. 161-336, 1888; pp. 337-416, 1889.
- vol. III, part 1, Buprestidæ, by C. O. Waterhouse, pp. 1-32, 1882; pp. 33-48, 1887; pp. 49-192, 1889.  
 Throscidæ & Eucnemidæ, by G. H. Horn, pp. 193-256, 1890.  
 Elateridæ, etc., by G. C. Champion, pp. 257-296, 1894; pp. 297-440, 1895;  
 pp. 441-584, 1896.  
 Dascyllidæ, by G. C. Champion, pp. 585-662, 1897.  
 Buprestidæ (App.), by Waterhouse, pp. 663-666, 1897.  
 Throscidæ, etc. (App.), by Champion, pp. 667-670, 1897.
- vol. III, part 2, Malacodermata, by H. S. Gorham, pp. 1-24, 1880; pp. 25-112, 1881; pp. 113-168, 1882; pp. 169-224, 1883; pp. 225-272, 1884; pp. 273-312, 1885; pp. 313-372, 1886.
- vol. IV, part 1, Heteromera, by G. C. Champion, pp. 1-88, 1884; pp. 89-136, 1885; pp. 137-264, 1886; pp. 265-352, 1887; pp. 353-476, 1888; pp. 477-524, 1892; pp. 525-593, 1893.
- vol. IV, part 2, Heteromera, by G. C. Champion, pp. 1-120, 1889; pp. 121-256, 1890; pp. 257-368, 1891; pp. 369-448, 1892; pp. 449-494, 1893.
- vol. IV, part 3, Rhynchophora, by D. Sharp, pp. 1-40, 1889; pp. 41-80, 1890; pp. 81-168, 1891; pp. 169-178, 1911.
- vol. IV, part 4, Rhynchophora, by G. C. Champion, pp. 178-354, 1911.  
 pp. 1-144, 1902; pp. 145-312, 1903; pp. 313-440, 1904; pp. 441-600, 1905; pp. 601-750, 1906.
- vol. IV, part 5, Rhynchophora, by G. C. Champion, pp. 1-136, 1906; pp. 137-240, 1907; pp. 241-400, 1908; pp. 401-513, 1909.
- vol. IV, part 6, Brentidæ, by D. Sharp, pp. 1-80, 1895.  
 Scolytidæ, by W. H. Blandford, pp. 81-96, 1895; pp. 97-144, 1896; pp. 145-184, 1897; pp. 185-224, 1898; pp. 225-280, 1904; pp. 281-298, 1905.  
 pp. 299-378, 1906; pp. 379-396, 1907.
- vol. IV, part 7, Rhynchophora, by G. C. Champion, pp. 1-78, 1909; pp. 79-221, 1910.
- vol. V, Longicornes, by H. W. Bates, pp. 1-16, 1879; pp. 19-152, 1880; pp. 153-224, 1881; pp. 225-248, 1884; pp. 249-436, 1885.  
 pp. 437-504, 1885.
- vol. VI, part 1, Phytophaga, by M. Jacoby, pp. 1-72, 1880; pp. 73-144, 1881; pp. 145-224, 1882; pp. 225-264, 1883; pp. 265-336, 1884; pp. 337-408, 1885; pp. 409-496, 1886; pp. 497-584, 1887; pp. 585-625, 1888.  
 pp. 1-80, 1888; pp. 81-168, 1889; pp. 169-232, 1890; pp. 233-312, 1891; pp. 313-374, 1892.
- vol. VI, part 2, Hispidæ, by J. S. Baly, pp. 1-72, 1885; pp. 73-124, 1886.  
 Cassididæ, by G. C. Champion, pp. 125-164, 1893; pp. 165-249, 1894.
- vol. VII, Erotylidæ, by H. S. Gorham, pp. 1-48, 1887; pp. 49-112, 1888.  
 Endomychidæ, by H. S. Gorham, pp. 113-144, 1889.  
 Coccinellidæ, by H. S. Gorham, pp. 145-160, 1891; pp. 161-176, 1892;  
 pp. 177-208, 1894; pp. 209-216, 1895;  
 pp. 217-240, 1897; pp. 241-256, 1898;  
 pp. 257-276, 1899.

**Bischoff, Edwin A.**18. *Neoclytus jouteli* in Virginia

&lt;Journ. N. Y. Ent. Soc. XXVI, 1918, p. 231.

**Blackburn, Thomas.**

64. Notes on Northern Col.

&lt;Ent. Mo. Mag. I, 1864, pp. 145-147.

65. Notes on Northern Col.

&lt;Ent. Mo. Mag. II, 1865, pp. 87-88.

**Blaisdell, Frank E.**, b. Mch. 13, 1862.

92. A new sp. of *Col.* fr. California  
New *Col.* fr. California  
Notes on *Cicindelidæ*, *Tenebrionidæ*, etc.  
Notes on *Coccinellidæ* of San Diego, Cal.  
Notes on Habits of *Coleop.* in San Diego, Cal.
95. New California *Col.*
01. Pupa of *Necrophilus*
02. The Frons in *Bembidium*
04. *Bembidium perconcinnum*
06. New California *Coleop.*
09. Monogr. *Eleodini*,
10. Studies in *Eleodini*
12. Hibernation of *Cicindela senilis*
13. Variations in maculation
17. Studies in *Eleodini* II
18. Studies in *Tenebrionidæ*  
Studies in *Eleodini* III  
Synopsis of *Tegrodera*  
Studies in *Eleodini* IV

**Blaisdell and Reynolds, Laurence R.**

17. A new *Omus*

**Blanchard, Emile.**

45. *Histoire des Insectes*, 2 vols. Paris, 1845.
46. *Recherches Anat. et. Zool.* 1846.
49. *Du Système Nerveux*, 1849.
50. *Cat. de la coll. ent. Coléop. Mus. d'hist. nat. de Paris*, 1850.

**Blanchard, Frederick**, b. Aug. 20, 1843; d. Nov. 12, 1912.

76. *Lixus rubellus* Rand.
79. Note on *Atemeles*
83. Note on *Amphicoma*
84. Table of *Balaninus*  
Note on *Gaurotes*
85. *Cryptobium flavicorne*  
*Canthon*, *Phanæus*, etc.
87. Notes on *Coleoptera*
88. *Geotrupes*
89. *Buprestidæ* of N. Eng.  
*Fornax* and *Corymbites*  
Revision of *Cardiophorus*
96. A New Parasite
04. A new Cal. sp. *Dromæolus*
08. *Ignotus ænigmaticus* (w. Mrs. Slosson)
15. (Posthumous) Two New *Silphids*
17. (Posthumous) Rev. of *Throscidæ*

**Bland, James H. B.**, b. 1832; d. Nov. 12, 1911.

61. *Cat. of Longhorns* vic. Phila.
62. Desc. of *Cerambycidæ*
63. Desc. of *Coleop.*  
Desc. of *Coleop.* No. 2
64. Desc. of *Coleop.*  
Desc. of *Coleop.*
65. Desc. of *Coleop.*  
Compiled Desc. *Staphyl.*

**Blatchley, Willis S.**, b. Oct. 6, 1859.

10. The *Coleop.* of Indiana, *Bull.* 1, Indiana Dept. Geol. & N. R. 1910, pp. 1-1386.
12. A new sp. *Dicaelus*  
Desc. Florida *Coleop.*
13. New *Coleop.* Indiana & Florida
14. Notes on Winter . . . . *Col. Fla.*  
Notes on Winter . . . . *Col. Fla.*  
Notes on Winter . . . . *Col. Fla.*  
Notes on Winter . . . . *Col. Fla.*
16. Notes on *Smicronyx*  
New genus *Nitidulini* etc.
17. New or Noteworthy *Col. Fla.*  
New or Noteworthy *Col. Fla.* II  
New or Noteworthy *Col. Fla.* III

- <Ent. News, III, 1892, p. 51.
- <Ent. News, III, 1892, pp. 241-243.
- <Zoe, III, 1892, pp. 47 . . . 339.
- <Ent. News, III, 1892, pp. 143-144.
- <Ins. Life, V, 1892, pp. 33-36.
- <Ent. News, VI, 1895, pp. 235-238.
- <Ent. News, XII, 1901, pp. 263-264.
- <Proc. Ac. N. S. Phila. 1902, pp. 70-79.
- <Ent. News, XV, 1904, p. 349.
- <Ent. News, XVII, 1906, pp. 71-80.
- <Bull. 63, U. S. N. M., 1909, pp. 1-524, pl.
- <Ent. News, XXI, 1910, pp. 60-67.
- <Ent. News, XXIII, 1912, pp. 156-159.
- <Ent. News, XXIV, 1913, pp. 385-391.
- <Ent. News, XXVIII, 1917, pp. 221-227.
- <Ent. News, XXIX, 1918, pp. 7-14
- <Ent. News, XXIX, 1918, pp. 162-169.
- <Can. Ent. L, 1918, pp. 333-335.
- <Ent. News, XXIX, 1918, pp. 380-387.
- <Ent. News, XXVIII, 1917, pp. 49-55.
- <Psyche, I, 1876, pp. 153-154.
- <Bull. Br. Ent. Soc. II, 1879, p. 4.
- <Bull. Br. Ent. Soc. V, 1883, p. 90.
- <Bull. Br. Ent. Soc. VII, 1884, p. 106-107.
- <Bull. Br. Ent. Soc. VII, 1884, p. 107.
- <Can. Ent. XVII, 1885, p. 180.
- <Trans. Am. Ent. Soc. XII, 1885, pp. 163-172.
- <Ent. Am. III, 1887, pp. 85-88.
- <Psyche, V, 1888, pp. 103-110.
- <Ent. Am. V, 1889, pp. 29-32.
- <Ent. Am. V, 1889, pp. 139-140.
- <Trans. Am. Ent. Soc. XVI, 1889, pp. 1-27.
- <Ent. News, VII, 1896, p. 173.
- <Ent. News, XV, 1904, pp. 187-188.
- <Can. Ent. XL, 1908, pp. 214-219.
- <Ent. News, XXVI, 1915, p. 294.
- <Trans. Am. Ent. Soc. XLIII, 1917, pp. 1-26.
- <Proc. Ent. Soc. Phila. I, 1861, pp. 93-101.
- <Proc. Ent. Soc. Phila. I, 1862, pp. 267-276.
- <Proc. Ent. Soc. Phila. I, 1863, pp. 353-356.
- <Proc. Ent. Soc. Phila. II, 1863, pp. 319-323.
- <Proc. Ent. Soc. Phila. III, 1864, pp. 65-72.
- <Proc. Ent. Soc. Phila. III, 1864, pp. 253-256.
- <Proc. Ent. Soc. Phila. IV, 1865, pp. 381-384.
- <Proc. Ent. Soc. Phila. IV, 1865, pp. 391-425.
- <Ent. News, XXIII, 1912, pp. 77-78.
- <Can. Ent. XLIV, 1912, pp. 330-332.
- <Can. Ent. XLV, 1913, pp. 21-24.
- <Can. Ent. XLVI, 1914, pp. 61-67.
- <Can. Ent. XLVI, 1914, pp. 88-92
- <Can. Ent. XLVI, 1914, pp. 140-144.
- <Can. Ent. XLVI, 1914, pp. 247-251.
- <Can. Ent. XLVIII, 1916, pp. 10-12.
- <Can. Ent. XLVIII, 1916, pp. 91-96.
- <Can. Ent. XLIX, 1917, pp. 137-143.
- <Can. Ent. XLIX, 1917, pp. 236-240.
- <Can. Ent. XLIX, 1917, pp. 272-279.



**Blatchley**

18. New or Noteworthy Col. Fla. IV <Can. Ent. L, 1918, pp. 52-59.  
 Some new or scarce Col. fr. Fla. <Can. Ent. L, 1918, pp. 416-424.  
 The Home of Hormops etc. <Journ. N. Y. Ent. Soc. XXVI, 1918, pp. 155-161.

**Blatchley and Leng.**

16. Rhynchophora of N. E. America, Indianapolis, 1916, pp. 1-682.

**Bloch, H. L. von.**

99. Verzeichniss Insekten im Plauischen <in W. G. Becker's Plauische Grund bei Dresden,  
 Grunde Nürnberg, 1799, pp. 95-120.

**Boheman, Carl H.,** b. July 10, 1796; d. Nov. 2, 1868.

29. Novæ Coleop. Spec. <Bull. Mosc. 1829.  
 33. Descriptions of Curculionidæ in Schönherr's Genera et Spec. Curc. 1833.  
 50-62. Monogr. Cassididarum, Holmiæ, Norstedt, I, 1850; II, 1854, III, 1855; IV, 1862.  
 58-59. Kongliga Svenska Fregatten Eugenies Resa etc.; Coleoptera, Stockholm, 1858-1859.

**Boieldieu, Anatole.**

56. Monogr. de la tribu des Ptiniore <Ann. Soc. Ent. Fr. ser. 3, IV, 1856, pp. 285-315.  
 Monogr. de la tribu des Ptiniore <Ann. Soc. Ent. Fr. ser. 3, IV, 1856, pp. 487-504.  
 Monogr. de la tribu des Ptiniore <Ann. Soc. Ent. Fr. ser. 3, IV, 1856, pp. 629-686.

**Boisduval, Jean Alphonse,** b. 1801; d. 1879.

- 32-35. Faune ent. de l'Océan Pacifique, etc. (Voyage de l'Astrolabe) Paris, 1832-1835.

**Boisduval and Lacordaire.**

35. Faune ent. des environs de Paris, Paris, 1835.

**Bonelli, Francois André,** b. 1784; d. Nov. 19, 1830.

09. Observations Entomologiques <Mém. Ac. Sc. Turin, 1809, pp. 21-78.  
 13. Observations Entomologiques, II <Mém. Ac. Sc. Turin, 1813, pp. 433-484.

**Bonhoure, A.**

84. On Platypsyllus <Ann. Soc. Ent. Fr. IV, 1884, pp. 147-154.

**Bonsdorff, Gabriel.**

85. Historia naturalis Curculionum Sueciæ, Upsala, 1785.

**Bonvouloir, Henry de,** b. 1839; d. July 13, 1914.

59. Essai monogr. des Throscides, Paris, 1859, pp. I-X, 1-141, pl.  
 60. Descriptions of Throscidæ <Ann. Soc. Ent. Fr. ser. 3, 1860, pp. 351-367.  
 70. Monogr. des Eucnémides<sup>1</sup> <Ann. Soc. Ent. Fr. ser. 4, 1870, Suppl. pp. 1-288.  
 (completed in 1875, running to p. 890)

**Borchmann, F.**

10. Nilionidæ, Othniidæ, Aegialitidæ, Petriidæ, <Junk Col. Cat. pars 2, 1910.  
 Lagriidæ  
 Alleculidæ <Junk Col. Cat. pars 3, 1910.  
 17. Meloidæ, Cephaloidæ <Junk Col. Cat. pars 69, 1917.

**Bosc d'Antic, Louis A. G.,** b. Jan. 29, 1759; d. July 10, 1828.

92. Bostrichus, Rhipiphorus <Journ. Hist. nat. II, 1792.

**Boucumont, A.**

10. Contrib. à la classif. des Geotrupidæ <Ann. Soc. Ent. Fr. LXXIX, 1910, pp. 333-350.  
 12. Geotrupinæ <Junk Col. Cat. pars 46, 1912.  
 02. Geotrupinæ <Genera Insectorum, fasc. 7, 1902, 20 pp., pl.

**Bourgeois, Jules,** b. 1846; d. July 18, 1911.

79. On Plateros <Ann. Soc. Ent. Belg. XIX, 1879.  
 05. Lyeides du mus. d'h. n. de Paris <Ann. Soc. Ent. Fr. LXXXIV, 1905, pp. 109-126.  
 06. Cont. à l'ét. des métam. de l'Herpes <Bull. Soc. Ent. Fr. 1906, pp. 94-95.

**Bovie, Albert.**

05. Cat. des Anthribides <Ann. Soc. Ent. Belg., 1905.  
 Several subfamilies Curcul. <in Gen. Ins.

**Böving, Adam.,** b. July 31, 1869.

06. Nat. Hist. Larvæ Donaciinæ <Int. Rev. d. ges. Hydrobiologie, etc. III, Suppl. I,  
 1906, pp. 108, pl.  
 09. Résumé of above, by A. Busck <Proc. Ent. Soc. Wash. XI, 1909, pp. 73-75.  
 14. Larva of Hydroscapha etc. <Proc. Ent. Soc. Wash. XVI, 1914, pp. 169-174.  
 Abdominal Structure of Larvæ etc. <Proc. Ent. Soc. Wash. XVI, 1914, pp. 55-61.  
 17. Generic Syn. Coccinellid Larvæ<sup>1</sup> <Proc. U. S. Nat. Mus. LI, 1917, pp. 621-650, pl.

**Bowditch, Fred C.**

82. Notes on certain Col. <Journ. Boston Zool. Soc. I, 1882, pp. 27-28.  
 96. List of Mt. Washington Coleop. <Psyche, Suppl. II, 1896, pp. 1-11.  
 02. Notes on Coccinellidæ <Ent. News, XIII, 1902, pp. 205-206.  
 08. Notes on Pachybrachys <Ent. News, XIX, 1908, pp. 216-217.  
 09. Notes on Pachybrachys <Can. Ent. XLI, 1909, pp. 237-244.  
 Notes on Pachybrachys <Can. Ent. XLI, 1909, pp. 285-292.  
 Notes on Pachybrachys <Can. Ent. XLI, 1909, pp. 312-324.  
 10. Further Notes on Pachybrachys <Can. Ent. XLII, 1910, pp. 53-56.  
 11. Notes on Calligrapha <Trans. Am. Ent. Soc. XXXVII, 1911, pp. 325-334.

<sup>1</sup> Contains many bibliographical references.



**Bowditch**

12. Syn. Notes on Oedionychis <Can. Ent. XLIV, 1912, pp. 365.  
 13. Notes on Chlamyde <Trans. Am. Ent. Soc. XXXIX, 1913, pp. 1-21.  
 Stanford Exp. Phytophaga <Psyche XX, 1913, pp. 125-131.  
 14. Notes on So. Am. Halticidae <Trans. Am. Ent. Soc. XLI, 1914, pp. 487-509.  
 Notes on Malay Aulacophora <Psyche XXI, 1914, pp. 133-136.

**Brahm, N. J.**

90. Insecten-Kalendar für Sammler und Oekonomen, Mainz, 1790.

**Brandt, J. F., b. 1802 and Erichson, W. F.**

32. Monogr. gen. Meloës <Nov. Acta Ac. Leopold, XVI, 1832, pp. 101-142.

**Brendel, Emil.**

65. On some new sp. of Pselaphidae <Proc. Ent. Soc. Phil. 1865, pp. 28-32.  
 New species & corrections in Pselaphidae <Proc. Ent. Soc. Phil. 1865, pp. 255-260.  
 66. Syn. of the gen. and sp. of the f. Pselaphidae <Proc. Ent. Soc. Phil. 1866, pp. 31-38.  
 Descrip. of some new spec. of Pselaphidae <Proc. Ent. Soc. Phil. 1866, pp. 189-194.  
 83. Synopsis of the family of Pselaphidae <Trans. St. Louis Ac. Sci. V, 1883, pp. 298-302.  
 87. Some corrections in the family Pselaphidae <Trans. Am. Ent. Soc. XIV, 1887, pp. 204-208.  
 89. Desc. Scymaenidae & Pselaphidae <Ent. Am. V, 1889, p. 193-196.  
 92. On the Pselaphid genus Trimum <Trans. Am. Ent. Soc. XIX, 1892, pp. 165-168.  
 Rhexidius <Ent. News, III, 1892, pp. 11-12.  
 93. Notes and desc. of Pselaphidae <Trans. Am. Ent. Soc. XX, 1893, pp. 277-284.  
 94. On some Pselaphidae <Ent. News, V, 1894, pp. 158-160.  
 Corrections in Pselaphidae <Ent. News, V, 1894, pp. 194-196.  
 95. Pselaphidae <Ent. News, VI, 1895, pp. 183-185.

**Brendel and Wickham.**

90. The Pselaphidae of No. Amer. <Bull. Univ. Iowa, I & II, 1890, pp. 216-304;  
 1-84, pl.

**Brenske, E., b. Jan. 9, 1845; d. Aug. 13, 1904.**

97. Serica Arten <Berl. Ent. Zeitschr. XLII, 1897, pp. 356-367.  
 99. Serica Arten <Berl. Ent. Zeitschr. XLIV, 1899.  
 02. Serica Arten <Berl. Ent. Zeitschr. XLVII, 1902, p. 35.

**British Museum**

- 03-15. Cat. of the Library of the British Museum (Natural History), Vols. I-V, London, 1903-15.  
 (Prepared under direction of B. D. Woodward, who is now working on a supplement.)

**Brisout de Barneville, L.**

60. Desc. Staphylinidae <Ann. Soc. Ent. Fr. ser. 3, 1860, VIII, p. 339.

**Britton, W. E., b. Sept. 18, 1868.**

03. Crioceris 12-punctata in Conn. <Can. Ent. XXXV, 1903, p. 188.  
 14. Some common Lady Beetles of Conn. <Bull. 181, Conn. Agr. Exp. Stat. 1914, pp. 1-24.

**Brittain, W. H., b. 1889.**

18. The Insect Collections of the Maritime <Can. Ent. L. 1918, pp. 117-122.  
 Prov.

**Brodie, W., b. 1843; d. 1909.**

83. Check List of Ins. of Canada (with J. E. White) Toronto, 1883, 67 pp.  
 88. List of Col. coll. in Rocky Mts. <Proc. Can. Inst. Toronto, (3), V, 1888, pp. 213-215.

**Brongniart, Alex., b. 1770; d. 1847.**

99. Sur un nouveau genre (Dasycerus) <Bull. Soc. Philom. Paris, 1799, p. 115.

**Browne, Patrick, b. 1700; d. 1790.**

56. The civil and natural History of Jamaica, London, 1756.

**Brues, Charles T., b. June 20, 1879.**

02. Anillus affabilis n. sp. <Am. Nat. XXXVI, 1902, pp. 366-368.  
 Two new Texan Ant and Termite Guests <Ent. News, 1902, pp. 184-187.  
 03. Notes on some Calif. Myrmecophiles <Ent. News, 1903, pp. 147-149.  
 04. A new species of Ecitopora <Ent. News, 1904, pp. 250.  
 On the relations of c. Myrmecophiles to <Psyche, XII, 1904, pp. 21-22.  
 their host ants

15. Key to Fam. No. Amer. Ins. (w. Melander) Boston, 1915, pp. 140.

**Brullé, Auguste, b. Apl. 7, 1809; d. Jan. 21, 1873.**

34. Histoire naturelle des Insectes, Paris, IV, 1834.  
 35. Observations crit. sur Synonymie des <Silberman, Revue ent. 1835, pp. 271-303.  
 Carab.

44. Recherches sur les Transformations <Ann. d. Sci. Nat. (3) II, 1844, pp. 271-374.

**Bruner, Lawrence, b. 1856.**

88. Ann. Rept. Nebraska State Board of Agriculture, 1888.  
 01. The Tiger Beetles of Neb. <Proc. Neb. Ac. Sci. VII, 1901, pp. 97-99.

**Buquet, Lucien, b. 1807; d. 1889.**

41. Desc. of Longicorns (Pteroplatus) <Ann. Soc. Ent. Fr. X, 1841, pp. 151-155.  
 Desc. of Longicorns (S. taslei) <Ann. Soc. Ent. Fr. X, 1841, Bull. p. 39.  
 59. Desc. of Longicorns (C. lorquini) <Ann. Soc. Ent. ser. 3, 1859, pp. 619-636.

- Burgess, A. F.**, b. Oct. 2, 1873.  
 11. *Calosoma sycophanta* in N. Eng. <Bull. 101, U. S. Bur. Ent. 1911, pp. 1-94. pl. 1-9.  
 17. The genus *Calosoma*, with tables of both adults and larvae <U. S. Dept. Agr. Bull. 417, 1917, 124 pp., 19 pl.
- Burke, H. E.**, b. May 19, 1878.  
 08. A new Buprestid Enemy of *Pinus edulis* <Proc. Ent. Soc. Wash. IX, 1908, pp. 117-118.  
 17. Flat-Headed Borers aff. Forest Trees. <U. S. Dept. Agr. Bull. 437, 1917.
- Burmeister, Hermann C. C.**, b. Jan. 15, 1807; d. May 2, 1892.  
 32-55. Handbuch der Entomologie, Berlin, 1832-1855, vol. I, 1832; II, 1835-1838; III, 1842, IV, part 1, 1844, part 2, 1845; V, 1847.
- Buysson, Henri du.**  
 95. *Diadochus antigai* <Ann. Soc. Ent. Fr. 1895, Bull. p. 407.
- Calder, Edwin E.**  
 16. *Cicindela rhodensis* n. m. <Journ. N. Y. Ent. Soc. XXIV, 1916, p. 94.
- Calwer, C. G.**  
 58. Käferbuch, Stuttgart, 1858, 738 pp.  
 16. 6th ed. Camillo Schaafuss, Stuttgart, 1916, 2 vols., 1390 pp., pl.
- Candèze, Ernest**, b. 1826; d. June 30, 1898.  
 57. Monogr. Elaterides I <Mém. Soc. Sc. Liège XII, 1857, 400 pp.  
 59. Monogr. Elaterides II <Mém. Soc. Sc. Liège XIV, 1859, 543 pp.  
 60. Monogr. Elaterides III <Mém. Soc. Sc. Liège XV, 1860, 512 pp.  
 61. Hist. des Métamorphoses de q. Col. Ex. <Liège, 1861, 86 pp., 6 pl.  
 63. Monogr. Elaterides IV <Mém. Soc. Sc. Liège XVII, 1863, 534 pp.  
 65. Elaterides nouveaux, fasc. 1 <Mém. Ac. Sc. Brux. XVII, 1865.  
 69. Diag. Rutelides nouvelles <Col. Hefte, V, 1869, pp. 41-45.  
 74. Revision Monogr. Elaterides, part 1 <Mém. Soc. Sc. Liège, 2d ser. IV, 1874, 218 pp.  
 84. Elaterides nouveaux fasc. 2 <Bull. Soc. Ent. Belg. 1884.  
 Elaterides nouveaux fasc. 3 <Mém. Soc. Sc. Liège, (2) IX, 1886.  
 86. Notes sur Chalcolepidius <Bull. Soc. Ent. Belg. 1886.  
 89. Elaterides nouveaux fasc. 4 <Ann. Soc. Ent. Belg. XXXIII, 1889.  
 91. Cat. méthodique Elater. <Mém. Soc. Sc. Liège, 1891, pp. 1-246.  
 95. Elaterides nouveaux fasc. 5 <Mém. Soc. Sc. Liège, XVIII, 1895.  
 96. Elaterides nouveaux fasc. 6 <Mém. Soc. Sc. Liège, XIX, 1896.  
 00. Elaterides nouveaux fasc. 7 <Ann. Soc. Ent. Belg. XLIV, 1900, pp. 77-101.
- Candèze and Chapuis.**  
 53. Cat. des Larves des Col. <Mém. Soc. Sc. Liège, VIII, 1855, pp. 341-653.
- Cano, Donaciano Cano y Alcacia.**  
 94. Desc. of *Anthonomus eugenii* <La Naturaleza, II, 1894, p. 377.
- Capiomont, G.**, b. May 23, 1812; d. Nov. 15, 1877.  
 68. Rev. d'Hypérides, 1868.
- Carnochan, F. G.**  
 15. Two new sp. of *Hister* <Psyche, XXII, 1915, pp. 144-145.  
 Notes on the g. *Phelister* <Psyche, XXII, 1915, pp. 213-214.  
 17. *Hololeptinae* of the U. S. <Ann. Ent. Soc. Am. X, 1917, pp. 367-398.
- Carus and Engelmann**  
 61. Bibliotheca zoologica, Leipzig, 1861, 2144 pp.
- Carpenter, G. H. and MacDowell, M. C.**  
 12. The Mouth parts of some Beetle larvae <Qua. Jour. Micro. Sci. LVII, 1912.
- Carpenter, W. L.**  
 74. Rept. on alpine ins. Colorado <Rept. U. S. Geol. Surv. 1874, pp. 539-542.  
 76. Rept. on alpine ins. Colo. N. Mex. <Ann. Rept. Ch. Eng. for 1876, pt. 3, pp. 521-525.  
 Rept. on alpine ins. Colo. N. Mex. <App. J.J. Ch. Eng. for 1876, pp. 301-305.
- Casey, Thomas L.**, b. Feb. 19, 1857.  
 84. Notes on Coleoptera <Bull. Br. Ent. Soc. 1884, pp. 64-67.  
 Cucujidæ <Trans Am. Ent. Soc. 1884, pp. 69-112.  
 Contributions I <Philadelphia, August, 1884, pp. 1-60.  
 Contributions II <Philadelphia, December, 1884, pp. 61-198.  
 Stenini <Philadelphia, August, 1884, pp. 1-206.  
 Monstrosity in *Acmæops* <Proc. Ent. Soc. Wash. I, 1884, pp. 13.  
 85. New Gen. and Sp. Calif. Colcop. <Cal. Ac. Sci., 1885, pp. 283-336.  
 Miscellaneous Notes <Ent. Amer. I, 1885, p. 56.  
 86. Revision of Cal. sp. *Lithocaris* <Cal. Ac. Sci., 1886, pp. 1-40.  
 Descriptive Notices I <Cal. Ac. Sci., 1886, pp. 157-264.  
 On *Aglenus brunneus* <Proc. Ent. Soc. Wash. I, 1886, pp. 46.  
 87. On some new N. Am. *Pselaphidæ* <Cal. Ac. Sci., 1887, pp. 455-482.  
 Notes on *Stenus* and *Barinus* <Ent. Amer. III, 1887, p. 125.  
 88. On some new N. Am. *Rhynchophora* I <Ann. N. Y. Ac. Sci., 1888, pp. 229-296.  
 Thoroughness in Entom. tables <Ent. Amer. IV, 1888, p. 18 and 97.  
 89. Notes on *Pæderini* <Ent. Amer. V, 1889, p. 182.  
 Coleop. Notices I <Ann. N. Y. Ac. Sci. 1889, pp. 39-198.



## Casey

89. Prel. Mon. Trogophlœus  
A new gen. Termitophilous Col. <Ann. N. Y. Ac. Sci. IV, 1889, pp. 322-383.
  90. Coleop. Notices II <Ann. N. Y. Ac. Sci. IV, 1889, pp. 384-387.
  91. Coleop. Notices III <Ann. N. Y. Ac. Sci. V, 1890, pp. 307-504.
  92. Coleop. Notices IV <Ann. N. Y. Ac. Sci. VI, 1891, pp. 9-214.
  - 93 (or 94) Coleop. Notices V <Ann. N. Y. Ac. Sci. VI, 1892, pp. 359-712.
  - (All the species described in items above are included in Henshaw's 3d Suppl.) <Ann. N. Y. Ac. Sci. VII, 1893, pp. 281-606.
  95. Coleop. Notices VI <Ann. N. Y. Ac. Sci. VIII, 1895, pp. 435-838.
  - On two n. sp. Platycerus <Can. Ent. XXVII, 1895, pp. 153-155.
  97. Coleop. Notices VII <Ann. N. Y. Ac. Sci. IX, 1897, pp. 285-684.
  - A Reply <Ent. News, VIII, 1897, pp. 132.
  98. Ptinidæ, Cioidæ and Sphindidæ <Journ. N. Y. Ent. Soc., VI, 1898, pp. 61-93.
  - Studies in Cephaloidæ <Ent. News, IX, 1898, pp. 193-195.
  - Entomological Measurements <Ent. News, IX, 1898, pp. 116-117.
  99. New sp. Pemphus and Tragosoma <Ent. News, X, 1899, pp. 97-98.
  - Revision of Am. Coccinellidæ <Journ. N. Y. Ent. Soc., VII, 1899, pp. 71-169.
  00. Corylophidæ, Cryptophagidæ, etc. <Journ. N. Y. Ent. Soc., VIII, 1900, pp. 51-172.
  01. Reply to Wasmann <Can. Ent., XXXIII, 1901, pp. 312-313.
  04. On some New Coleop. <Can. Ent., XXXVI, 1904, pp. 312-324.
  05. Pæderini <Trans. Ac. Sci. St. Louis, XV, 1905, pp. 17-248.
  - New Carabus and Cychrus <Can. Ent., XXXVII, 1905, pp. 160-164.
  06. Alcocharinæ, Xantholini, etc. <Trans. Ac. Sci. St. Louis, XVI, 1906, pp. 125-434.
  07. Chalcolepidius and Zopherini <Can. Ent., XXXIX, 1907, pp. 29-46.
  - Tentyriinæ <Proc. Wash. Ac. Sci. IX, 1907, pp. 275-522.
  08. Coniuntinæ <Proc. Wash. Ac. Sci. X, 1908, pp. 51-166.
  - Remarks on Pselaphidæ <Can. Ent., XL, 1908, pp. 207-211.
  - Coccinellidæ <Can. Ent., XL, 1908, pp. 393-421.
  - A new gen. Byrrhidæ <Can. Ent., XL, 1908, pp. 281-282.
  - On the W. Horn-Roeschke School <Ent. News, XIX, 1908, pp. 38-41.
  09. Buprestidæ <Proc. Wash. Ac. Sci. XI, 1909, pp. 47-148.
  - Caraboidea and Lamellicornia <Can. Ent. XLI, 1909, pp. 253-264.
  10. Syn. Notes, Balanini, Tychiini <Can. Ent. XLII, 1910, pp. 105-144.
  - Myrmedoniini, pp. 1-183 <Memoirs on the Coleop. I, Lancaster, 1910.
  - Pæderini and Pinophilini, pp. 184-205 <Memoirs on the Coleop. I, Lancaster, 1910.
  11. Aleocharinæ and Myllæniini, pp. 1-245 <Memoirs on the Coleop. II, Lancaster, 1911.
  - Coccinellidæ and Synonymy, pp. 246-259. <Memoirs on the Coleop. II, Lancaster, 1911.
  12. Byrrhidæ, pp. 1-69. <Memoirs on the Coleop. III, Lancaster, 1912.
  - Asidini, pp. 70-214 <Memoirs on the Coleop. III, Lancaster, 1912.
  - Longicornia, pp. 215-386 <Memoirs on the Coleop. III, Lancaster, 1912.
  13. Cicindelidæ and Carabidæ, pp. 1-192 <Memoirs on the Coleop. IV, Lancaster, 1913.
  - Longicornia, pp. 193-400 <Memoirs on the Coleop. IV, Lancaster, 1913.
  14. Omus and Cicindela, pp. 1-24 <Memoirs on the Coleop. V, Lancaster, 1914.
  - Carabidæ, pp. 25-44 <Memoirs on the Coleop. V, Lancaster, 1914.
  - Harpalinæ, pp. 45-305 <Memoirs on the Coleop. V, Lancaster, 1914.
  - Thyce and Polyphylla, pp. 306-354 <Memoirs on the Coleop. V, Lancaster, 1914.
  - Misc. Notes and new sp. pp. 355-387 <Memoirs on the Coleop. V, Lancaster, 1914.
  15. Rutelinæ, etc., pp. 1-394 <Memoirs on the Coleop. VI, Lancaster, 1915.
  - Staphylinidæ, pp. 395-460 <Memoirs on the Coleop. VI, Lancaster, 1915.
  16. Cicindelidæ, pp. 1-34 <Memoirs on the Coleop. VII, Lancaster, 1916.
  - Clavicornia, pp. 35-300 <Memoirs on the Coleop. VII, Lancaster, 1916.
  - A new sp. Baryodma <Can. Ent. XLVIII, 1916, pp. 70-71.
  18. Bembidiinæ, pp. 1-223 <Memoirs on the Coleop. VIII, Lancaster, 1918.
  - Amarinæ and Pterostichinæ, pp. 224-393 <Memoirs on the Coleop. VIII, Lancaster, 1918.
  - Pogoninæ, pp. 394-412 <Memoirs on the Coleop. VIII, Lancaster, 1918.
  - Misc. Notes and Corrections, pp. 413-427 <Memoirs on the Coleop. VIII, Lancaster, 1918.
- Castelnau, Francis L., Laporte comte de**, b. Dec. 25, 1810; d. Jan. 4, 1880.
31. Monogr. du genre Diaperis (avec Brullé) <Ann. Sc. Nat., 1831, XXIII, pp. 325-410.
  32. Langurites lineatus & Cychrus <Ann. Soc. Ent. France, 1832, p. 390 and p. 412.
  33. Mém. sur les div. du genre Colaspis <Silberman Revue ent., 1833, I, pp. 18-25.
  - Note monogr. sur le genre Zuphium <Silberman Revue ent., 1833, I, pp. 251-257.
  - Essais d'une rev. du genre Lampyre <Ann. Soc. Ent. France, 1833, II, pp. 122-153.
  34. Observations sur les Cicindèles <Silberman Revue ent., 1834, II, pp. 27-39.
  - Monogr. du groupe des Rhipicères <Ann. Soc. Ent. France, 1834, III, pp. 225-270.
  35. Etudes entomologiques, Paris, 1834, burned and reprinted 1835, pp. 1-159.
  - Etudes entomologiques, Buprestidæ and <Silberman Revue ent., 1835, III, pp. 157-181.
  - Eucnemidæ
  - Histoire naturelle et iconographie des Coléoptères (avec Gory) Paris, 1835-1841, vol. I and II (avec Brullé) 1835-1840 (published as separate Monographs).
  - Monogr. du genre Clytus, Paris, 1835.



**Castelnau**

36. Etudes entomologiques, Elateridæ and Cleridæ <Silberman Revue ent., 1836, IV, pp. 5-60.  
 37. Coléoptères I, 1837.  
 41. Coléoptères II, 1841 (by Gory alone).  
 Coléoptères III, 1841 (by Gory alone).  
 Coléoptères IV, 1841 (by Gory alone).  
 Coléoptères Suppl., 1841 (by Gory alone).  
 42. Observ. ent. sur les ins. de l'Am. du nord <Ann. Soc. Ent. France, 1842, XI, pp. 12-13.

**Catesby, Marc.**, b. 1679; d. Jan. 3, 1749.

31. The Natural History of Carolina, Florida and the Bahama Is. London, 1731.  
 43. The Natural History of Carolina, II, 1743.  
 48. The Natural History of Carolina, Appendix, 1748.  
 54. The Natural History of Carolina, ed. II by Geo. Edwards.  
 71. The Natural History of Carolina, ed. III by Geo. Edwards.

**Caulfield, F. B.**, d. Mch. 15, 1892.

84. Physonota and Chrysomela <Can. Ent. XVI, 1884, p. 227; op. cit. XIX, 1887, p. 73.

**Cederjhelm, Johann.**

98. Faunæ Ingricæ Prodromus, etc., Lipsiæ, 1798.

**Chagnon, G.**

17. Prel. list of ins. of prov. of Quebec <Suppl. to Rept. Quebec Soc. Protection Pl. 1917, pp. 160-277.

**Chamberlin, Willard J.**, b. Aug. 12, 1890.

17. Annotated List of Scolytidæ of Oregon. <Can. Ent. XLIX, 1917, p. 321-323.  
 Notes on some Buprestidæ of No. Cal. <Ent. News, XXVIII, 1917, pp. 129-139 and 166-169.  
 18. Bark-Beetles infesting the Douglas Fir <Oregon Agl. Coll. Exp. Sta. Bull. 147, 1918, pp. 1-40.

**Chambers, Vacter T.**, b. 1821; d. 1883.

71. On some leaf mining Col. <Can. Ent. IV, 1871, pp. 123-125

**Champion, George C.** (References to No. Amer. Col. only<sup>1</sup>).84-10. In *Biologia C.-Am. Coleop.*

- Elateridæ, etc., vol. III, pt. 1, pp. 258-662, 1894-1897, pl.  
 Throscidæ, Eucnem. III, pt. 1, pp. 667-670, 1897, pl.  
 Heteromera, IV, pt. 1, pp. 1-573, 1884-1893, pl.  
 Heteromera, IV, pt. 2, pp. 1-494, 1889-1893, pl.  
 Rhynchophora, IV, pt. 3, pp. 178-354, 1911, pl.  
 Rhynchophora, IV, pt. 4, pp. 1-750, 1902-1906, pl.  
 Rhynchophora, IV, pt. 5, pp. 1-513, 1906-1909, pl.  
 Rhynchophora, IV, pt. 7, pp. 1-221, 1909-1910, pl.  
 Hispidæ & Cassididæ, VI, pt. 2, pp. 120-249, 1886-1894, pl.

95. List of Tenebrionidæ Suppl. to G. & H. <Mém. Soc. Ent. Belg., IV, 1895, No. 3.  
 Review of G. H. Horn's Col. of Baja Cal. <Ent. Mo. Mag. (2) VI, 1895, pp. 52-53.  
 The Genera Cryptohypnus & Hypnoidus <Ent. Mo. Mag. (2) VI, 1895, pp. 93-94.  
 Monotoma rufa and its allies <Ent. Mo. Mag. (2) VI, 1895, pp. 141-142.  
 Alphetophagus etc. introduced in Eur. <Ent. Mo. Mag. (2) VI, 1895, p. 283.  
 List of Col. common to Britain & No. Amer. <Ent. Mo. Mag. (2) VI, 1895, pp. 150-155.  
 96. Some remarks on Palorus <Ent. Mo. Mag. (2) VII, 1896, pp. 26-30.  
 Silvanus surinamensis <Ent. Mo. Mag. (2) VII, 1896, pp. 268-269.  
 97. List of Aegialitidæ & Cistelidæ, suppl. to G. & H. <Mém. Soc. Ent. Belg. VI, 1897, pp. 147-177.  
 98. List of Lagriidæ, suppl. to G. & H. <Ann. Soc. Ent. Belg. VII, 1898, pp. 46-104.  
 99. List of Cantharidæ, suppl. to G. & H. <Ann. Soc. Ent. Belg. VIII, 1899, pp. 153-208.  
 List of Rhipidophoridæ, suppl. to G. & H. <Ann. Soc. Ent. Belg. VIII, 1899, pp. 39-61.  
 07. Note on name of pepper weevil of Mex. & Tex. <Ent. News, XVIII, 1907, p. 366.  
 09. Notes on Cossonidæ <Ent. Mo. Mag. (3), II, 1909, pp. 103-105; 121-123.  
 10. Notes on . . . Zygotides desc. by Desb. des Loges <Ann. Soc. Ent. Belg., LIV, 1910, pp. 211-212.  
 11. Listrionotus bagoiformis in Utah <Ent. News, XXII, 1911, p. 178.  
 Some new Curculioninæ from C. and So. Amer. <Ann. Mag. Nat. Hist. (8), VII, 1911, pp. 94-98.  
 Note on the Meloid genus Hornia . . . and allies <Ent. News, XXII, 1911, p. 132.  
 12. Weevils of Mexico and C. Amer. <Ent. News, XXIII, 1912, pp. 182-183.  
 Notes on Mexican Barids <Ent. News, XXIII, 1912, p. 364.  
 13. Coleoptera etc. in Bromeliads <Ent. Mo. Mag. (2), XXIV, 1913, pp. 2-7.  
 Coleoptera etc. in Orchids <Ent. Mo. Mag. (2), XXIV, 1913, pp. 55-56.

<sup>1</sup> Corrected by Mr. Champion.

**Champion**

14. Rev. of Mex. & C. Am. Malachiidæ & Melyridæ <Trans. Ent. Soc. London, 1914, pp. 13-127.  
 Rev. of Mex. & C. Am. Chauliognathinæ <Trans. Ent. Soc. London, 1914, pp. 126-168, 338.  
 15. Rev. of Mex. & C. Am. Telephorinæ <Trans. Ent. Soc. London, 1915, pp. 16-146.  
 Notes on Melandryidæ <Ent. Mo. Mag. (3), I, 1915, pp. 138-140.  
 16. Notes on Melandryidæ <Ent. Mo. Mag. (3), II, 1916, pp. 1-6.  
 Notes on Melandryidæ <Ent. Mo. Mag. (3), II, 1916, pp. 32-40, 52-59.  
 Notes on Melandryidæ <Ent. Mo. Mag. (3), II, 1916, pp. 75-83, 99-107.  
 Notes on Melandryidæ <Ent. Mo. Mag. (3), II, 1916, pp. 144-157.  
 Notes on Melandryidæ <Ent. Mo. Mag. (3), II, 1916, pp. 224-226.  
 On some weevils attacking Orchids <Ent. Mo. Mag. (3), II, 1916, pp. 200-202.  
 On new exotic Scaptiina <Ent. Mo. Mag. (3), II, 1916, pp. 233-253.  
 On new exotic Scaptiina <Ent. Mo. Mag. (3), II, 1916, pp. 265-274.  
 17. A new Barid from a Costa Rican Bromeliad <Ent. Mo. Mag. (3), II, 1917, pp. 223-224.

**Champlain, Alfred B.**

11. Coleoptera from Connecticut <Psyche, XVIII, 1911, pp. 35-36, 170-173.

**Champlain and Kirk, H. B.**

10. Carabidæ from Harrisburg, etc. <Ent. News, XXI, 1910, pp. 201-210.

**Chapin, Edward A.**

17. Studies in the Hydnocerini <Bull. Br. Ent. Soc. XII, 1917, pp. 83-85.  
 18. A new Hydnocera (binotata) <Proc. Biol. Soc. Wash. XXXI, 1918, pp. 107-108.

**Chapuis, Félicien**, b. Apl. 29, 1824; d. Sep. 30, 1879.

66. Monogr. d. Platypides <Mem. Soc. Sc. Liège, XX, 1866, pp. I-VI, 1-344, 24 pl.  
 69. Syn. d. Scolytides <Mem. Soc. Sc. Liège (2), III, 1873, pp. 213-269.  
 (Also as a separate dated 1869, pp. 1-56)  
 74. Phytophages in Lacordaire's Genera de Col. <Gen. Coleop. X, 1874, 455 pp.  
 75. Phytophages in Lacordaire's Genera de Col. <Gen. Coleop. XI, 1875, 420 pp.  
 76. Erotylidæ, Endom. and Coccin. in Genera de Col. <Gen. Coleop. XII, 1876, 424 pp.  
 77. Esp. inéd. de la tribu des Hispides <Ann. Soc. Ent. Belg., XX, 1877, pp. 5-33, 47-57.

**Chapuis and Candèze.**

55. Cat. des larves des Coléoptères <Mem. Soc. Sc. Liège, VIII, 1855, pp. 341-653, pl.  
 (See also Hagen Zusatz zu Coléoptères <Stett. Ent. Zeit. XXIV, 1863, pp. 298-309.

**Charpentier, Toussaint de**, b. 1780; d. 1847.

25. Horæ Entomologiæ, Wratislawiæ, 1825.

**Chaudoir, Baron Maximilien de**, b. Sep. 12, 1816; d. May 8, 1881.

37. Calosoma <Bull. Soc. Nat. Moscou, 1837.  
 38. Tableau d'une n. s. du genre Feronia <Bull. Soc. Nat. Moscou, 1838, XI, pp. 1-32.  
 43. Chlaenius, Oodes, Dianchomena, etc. <Bull. Soc. Nat. Moscou, 1843, XVI, pp. 671-791.  
 44. Callida, Cychrus <Bull. Soc. Nat. Moscou, 1844, XVII, pp. 415-479.  
 46. Promecognathus <Bull. Soc. Nat. Moscou, 1846, XIX, pp. 511-542.  
 50. Pasimachus, Lebia, Carabus, etc. <Bull. Soc. Nat. Moscou, 1850, XXII, pp. 3-85, 349-460.  
 54. Cicindelidæ <Bull. Soc. Nat. Moscou, 1854, XXVII, pp. 112-144, 279-352.  
 56. Chlæniini <Bull. soc. Nat. Moscou, 1856, X XI X, pp. 187-291.  
 57. Chlaeniini, Oodes <Bull. Soc. Nat. Moscou, 1857, XXX, pp. 1-64.  
 59. Colpodes <Ann. Soc. Ent. Fr. ser. 3, VII, 1859, pp. 287-364.  
 60. Chaleposomus <Bull. Soc. Nat. Moscou, 1860, XXXIII, pp. 269-337.  
 61. Notiophilus, Metrius, Cychrus <Bull. Soc. Nat. Moscou, 1861, XXXIV, pp. 335-360.  
 62. Zuphium (Mat. pour... Carabiques) <Bull. Soc. Nat. Moscou, 1862, XXXV, pp. 275-320.  
 65. Cat. de la coll. de Cicindélètes, Bruxelles, 1865, 64 pp.  
 68. Bembidiini, Pterostichini, Loxandrus <Rev. & Mag. Zool., ser. 2, XX, 1868, pp. 161-345.  
 (Obs. syn. sur les Carabiques de l'Amér. du nord.)  
 68. Ozænini <Ann. Soc. Ent. Belg. XI, 1868, pp. 43-74.  
 69. Calosoma & Cicindela <Rev. & Mag. Zool., XXI, 1869, pp. 22-208.  
 Lebiini, Coptodera <Ann. Soc. Ent. Belg. XII, 1869, pp. 113-256.  
 70. Lebia (Monogr. des Lebiides) <Bull. Soc. Nat. Moscou, 1870, XLIII, pp. 111-255.  
 71. Pogonini, Patrobus <Ann. Soc. Ent. Belg. XIV, 1871, pp. 21-61.  
 72. Lebiini (Callidiides) <Ann. Soc. Ent. Belg. XV, 1872, pp. 97-204.  
 Callida, Diaphorus <Rev. & Mag. Zool., XXIII, 1872, pp. 101-250.  
 (Desc. d. Carabiques nouveaux)



**Chaudoir**

72. Amphizoa, Pterostichini < Bull. Soc. Nat. Moscou, 1872, XLV, pp. 382-420.  
 73. Lebiini (Cymindis) < Berl. Zeitschr. 1873, pp. 53-120.  
 75. Lebiini (Cymindides) < Bull. Soc. Nat. Moscou, 1875, XLIX, pp. 1-61.  
 76. Chlaeniini < Ann. Mus. Civ. Genova, VIII, 1876.  
     Masoroides, etc. < Bull. Soc. Nat. Moscou, 1876, LI, pp. 1-84.  
 77. Lebiini, Teneophilus, Philophaga < Bull. Soc. Nat. Moscou, 1877, LII, pp. 188-268.  
     (Genres nouveaux, etc.)  
 78. Panagæus < Ann. Soc. Ent. Belg. XXI, 1878, pp. 83-186.  
 79. Bembidium < Ann. Soc. Ent. Belg. XXIII, 1879.  
 83. Mon. des Oodides pt. 2 (pt. 1, 1882?) < Ann. Soc. Ent. Fr. ser. 6, II, 1883, pp. 485-554.

The above list of Chaudoir's papers covers only those dealing with American species. A complete bibliography by Sallé will be found in Ann. Soc. Ent. France, 1881.

The pagination of the separate begins with 1 and is often used in Check List citations.

**Chevrolat, L. A. Auguste**, b. Mch. 29, 1799; d. Dec. 16, 1884.

29. Descriptions < Guérin, Iconogr. règne anim. I, 1829.  
 32. Monographie: . . . Otidocephalus < Ann. Soc. Ent. France, I, 1832, pp. 98-108.  
 34. Descriptions < Col. Mexique, fasc. 2, 4, 1834.  
 35. Descriptions < Col. Mexique, fasc. 6, 1835.  
 36. Descriptions < Col. Mexique, fasc. 8, 1836.  
 37. Descriptions < Silberman, Revue ent. IV, 1837.  
 38. Descriptions < Silberman, Revue ent. V, 1838.  
 41. Cic. cristofori < Mag. Zool., 1841, p. 15.  
 42. Descriptions < D'Orbigny, Dict. univ. Hist. Nat. II, 1842.  
 43. Descriptions < D'Orbigny, Dict. univ. Hist. Nat. III, 1843.  
 44. Descriptions < D'Orbigny, Dict. univ. Hist. Nat. IV, V, 1844.  
 45. Descriptions < Guérin, Iconogr. règne anim. VII, 1845.  
 47. Descriptions < D'Orbigny, Dict. univ. Hist. Nat. VIII, 1847.  
 52. Desc. Cic. guexiana < Bull. Soc. Nat. Moscou, 1852.  
 53. Descriptions < Rev. Mag. Zool. (2), 1853.  
 55. Desc. of Longhorns < Rev. Mag. Zool., VII, 1855, pp. 178-513.  
 59. Descriptions < Arcana Nat. Thomson, I, 1859, pp. 51-64.  
 60. Desc. d'esp. de Clytus propres au Mexique < Ann. Soc. Ent. France, VIII, 1860, pp. 451-504.  
 62. Desc. de Clytides Américains < Ann. Soc. Ent. France (4), II, 1862, pp. 517-530.  
     Coléoptères de l'île de Cuba < Ann. Soc. Ent. France (4), II, 1862, pp. 245-280.  
 63. Coléoptères de l'île de Cuba II < Ann. Soc. Ent. France (4), III, 1863, pp. 183-210.  
     Coléoptères de l'île de Cuba III < Ann. Soc. Ent. France (4), III, 1863, pp. 427-446.  
     Coléoptères de l'île de Cuba IV < Ann. Soc. Ent. France (4), III, 1863, pp. 589-620.  
 64. Coléoptères de l'île de Cuba V < Ann. Soc. Ent. France (4), IV, 1864, pp. 405-418.  
 65. Coléoptères de l'île de Cuba VI < Ann. Soc. Ent. France (4), V, 1865, pp. 21-36.  
 67. Coléoptères de l'île de Cuba VII < Ann. Soc. Ent. France (4), VII, 1867, pp. 571-616.  
 69. Coléoptères de l'île de Cuba VIII < Ann. Soc. Ent. France (4), IX, 1869, pp. 67-78.  
 73. Cleonus < Mem. Soc. Sc. Liège, ser. 2, V, 1873, pp. 78-80.  
 74. Revision des Cébrionides < Ann. Soc. Ent. France, (5), IV, 1874.  
     Catalogue des Clérides < Rev. et Mag. Zool. (3), II, 1874, pp. 252-329.  
 77. Diagn. de Diapérideres nouveaux < Pet. Nouv. Ent. II, 1877, p. 170.
- Chittenden, Frank H.** (Papers purely economic omitted), b. Nov. 3, 1858.  
 95. On Distribution of Imported Beetles < Insect Life, VII, 1895, pp. 326-332.  
     Two new species . . . Echocerus < Proc. U. S. Nat. Mus. XVIII, 1895, pp. 79-80.  
 97. Some Insects in Stored Vegetable Products < Bull. No. 8, Div. Ent., 1897.  
 04. Studies of the life history of n. sp. Oberea < Bull. Illinois St. Lab. VII, 1904, pp. 2-5.  
     A species of the Tenebrionid g. Latheticus < Journ. N. Y. Ent. Soc. XII, 1904, pp. 166-167.  
     On the species of Sphenophorus etc. < Proc. Ent. Soc. Wash., VI, 1904, pp. 127-130.  
     On the species of Sphenophorus etc. < Proc. Ent. Soc. Wash., VI, 1904, pp. 130-137.  
 05. On the species of Sphenophorus etc. < Proc. Ent. Soc. Wash., VII, 1905, pp. 50-64.  
 06. New species of Sphenophorus etc. < Proc. Ent. Soc. Wash., VII, 1906, pp. 166-182.  
     The No. Am. sp. of the gen. Notaris < Journ. N. Y. Ent. Soc. XIV, 1906, pp. 113-115.  
 08. New species of Balaninus, with notes < Proc. Ent. Soc. Wash., X, 1908, pp. 19-26.  
 10. Table of Latheticus < Proc. Ent. Soc. Wash., XII, 1910, pp. 135-137.  
 11. List of Insects affecting Stored Cercals < U. S. Dept. Agl., Bur. Ent. Bull. 96, part 1.  
 12. Description of an injurious Otiorhynchid < Proc. Ent. Soc. Wash., XIV, 1912, pp. 106-107.  
     See also Bibliography of Economic Entomology by Henshaw and Banks.

**Clairville, J. de**, b. 1742; d. 1830.

06. Entomologie helvétique, etc. Zurich, 2 vols., 1798 and 1806 (I. Rhyncophora; II. Adephaga).

**Clark, Rev. Hamlet**

60. Monogr. of Halticidæ in the coll. of the British Museum, London, 1860.  
 65. Desc. genus Ora in Halticidæ of S. Am. < Journ. Ent. II, 1865, p. 385.  
     Desc. of sp. of Phytophaga < Ann. Nat. Hist. 3 ser. XVI, 1865, pp. 139-148.  
 66. Cat. Phyt. App. 1866.

**Clarkson, Frederick**, d. 1901.

- 84 Various Notes on Habits. < Can. Ent. XVI, 1884, pp. 18, 95, and 124.



**Clavareau, Henri** (see also with Jacoby).

00. Catalogue des Sagrides

07. Clytrinae

13. Chrysomelidae, 1-4

Chrysomelidae, 5-10

14. Chrysomelidae, 11

&lt;Ann. Soc. Ent. Belg. XLIV, 1900, pp. 269-280.

&lt;Genera Insectorum, fasc. 49 bis, 1907.

&lt;Junk. Col. Cat. pars 53, 1913.

&lt;Junk. Col. Cat. pars 51, 1913.

&lt;Junk. Col. Cat. pars 59, 1914.

**Clouët des Pesruches, Louis.**

01. Monogr. of Rhyssenus

&lt;Mem. Soc. Ent. Belg. VIII, 1901.

**Cockerell, Theodore D. A.**, b. Aug. 22, 1866.

88. Longitarsus nitidellus

Aphodius vittatus varieties

&lt;First Rept. Colorado Biol. Assn., 1888.

&lt;West American Scientist, IV, 1888.

90. Evolution of Metallic Colors in Insects

&lt;Ent. News, I, 1890, pp. 3-7.

Notes on Ins. fauna Custer Co. Colo.

&lt;Can. Ent. XXII, 1890, pp. 37-39; 55-60; 76.

Ergates spiculatus marmoratus

&lt;Ent. News, I, 1890, p. 161.

93. The Ent. of the Mid-Alpine Zone....

Colorado

&lt;Trans. Am. Ent. Soc. XX, 1893, pp. 305-370.

98. Life Zones in N. Mex. II

&lt;Bull. 28, N. Mex. Agl. Exp. Sta. 1898, pp. 137-179.

99. A new Meloid (Leonia neomexicana)

Trichodes simulator v. flavescens

&lt;Psyche, VIII, 1899, p. 416.

&lt;Bull. New Mexico Agl. Exp. Sta., 1899.

00. Epismilia

&lt;Science Gossip, 1900, p. 606.

03. The Coccinellid genus Smilia

&lt;Can. Ent. XXXV, 1903, p. 38.

05. Paranodon, Stenellina, etc.

&lt;The Entomologist, 1905, p. 104.

06. Preoccupied Generic Names of Coleoptera

Names of Coleoptera

&lt;Ent. News, XVII, 1906, pp. 240-244.

&lt;Ent. News, XVII, 1906, p. 349.

07. Aethecerinus, Tachypterellus (Col. of N. Mex.)

&lt;Trans. Am. Ent. Soc., 1907, p. 154, 214.

Some Col....fr. Florissant, Colo.

&lt;Bull. Am. Mus. N. H. XXIII, 1907, pp. 617-621.

New Combinations

&lt;Ent. News, XVIII, 1907, p. 255.

10. Classification of Meloidae

&lt;Ent. News, XXI, 1910, p. 307.

12. Rhynchites bicolor wickhami

&lt;Ent. News, XXIII, 1912, p. 82.

18. Epilachna corrupta var. cuprea

&lt;Ent. Record, 1918, p. 153.

See also Fall and Cockerell.

**Comolli, Antonio.**

37. De coleopteris novis etc., Ticini, 1837.

**Comstock, John H.**, b. Feb. 24, 1849.

95. A manual for the Study of insects, Ithaca, 1895. (w. A. B. Comstock.)

01. Insect Life, New York, new ed. 1901, pp. 349.

14. A manual for the Study of insects, Ed. XII, Ithaca, 1914. (w. A. B. Comstock.)

**Concilium Bibliographicum**, Zurich, Switzerland.

References on cards.

**Cook, Albert J.**, b. 1842; d. 1916

87. Notes on certain Bupr. (Brachys.)

&lt;Ent. Am. III, 1887, p. 59.

**Coquebert de Montbret, Antoine J.**, b. 1753; d. Apl. 6, 1825.

99. Illustratio Iconographica Insectorum, etc., Paris, 1799-1804.

**Coquillett, Dan. W.**, b. Jan. 23, 1856; d. July 7, 1911.

83. Coleop. Larvæ

&lt;Can. Ent. XV, 1883, p. 21, 31, 97, 101, 113.

92. Notes on the Habits of some Calif. Coleop.

&lt;Insect Life, IV, 1892, pp. 260-262.

93. Desc. of early stages of Novius koebelei

&lt;Insect Life, VI, 1893.

Rept. on....Ben. and Inj. Ins. Cal.

&lt;Bull. No. 30, U. S. Dept. Agl. Div. Ent. 1893, pp. 9-34.

Also Insect Life III, 318, V, 42, 269.

**Costa, Achille**, b. Aug. 10, 1823; d. Nov. 18, 1898.

47. Descrizione, etc.

&lt;Ann. Accad. Aspir. Natur. Napoli I, 1847.

54. Fauna del Regno di Napoli, Napoli, 1849-1854.

**Coues, E. and Yarrow, H. C.**

78. List of Coleop. Ft. Macon, N. C.

&lt;Proc. Ac. N. S. Phila. 1878, pp. 313-314.

**Couper, William.**

64. List of Col. &amp; Dipt. taken at Quebec, etc.

&lt;Trans. lit. &amp; hist. soc. Quebec, 1864, n. s. pt. 2, pp. 75-93.

65. List of Col. &amp; Dipt. taken at Quebec, etc.

&lt;Trans. lit. &amp; hist. soc. Quebec, 1865, n. s. pt. 3, pp. 27-36.

73. Anticosti Coleop.

&lt;Can. Ent. VI, 1874, pp. 137-138.

83. Coleop. found in prov. Quebec

&lt;Can. Sportsman &amp; Nat. II, 1882; III, 1883.

**Cowan, F.**

65. Curious Facts in the history of insects, Philadelphia, 1865, pp. 396.

**Craighead, F. C.**, b. Oct. 7, 1890.

15. Larvæ of the Prioninae

&lt;Rpt. 107, Office of Sec. U. S. D. A. 1915, pp. 1-24, 8 pl.

- Crampton, Chas. A.**  
79. Collecting Cerambycidae <Bull. Brooklyn E. S., II, 1879, p. 74.
- Crampton, G. C.**, b. 1882.  
09. Comp. Morph. Thoracic Sclerites <Proc. Ac. N. S. Phila. LXI, 1909, pp. 3-54, pl.
- Cresson, E. T.**, b. June 18, 1838  
61. Cat. of Cicindelidæ of N. Am. <Proc. Ent. Soc. Phila. I, 1861, pp. 7-20.
- Creutzer, Christian**  
96. Faun. Germ. 1796.  
99. Entomologische Versuche, Wien, 1799, pp. 142.
- Criddle, Norman**, b. 1875.  
07. Habits of some Manitoba Tiger beetles <Can. Ent. XXXIX, 1907, pp. 105-114.  
10. Same title, No. 2 <Can. Ent. XLII, 1910, pp. 9-15.  
11. Nat. Hist. Notes from Calgary, Alta. <Ottawa Nat. XXV, 1911, pp. 73-77.
- Cros, Auguste.**  
14. Forme des ongles des larves... Meloidæ <(Ann. Soc. Ent. Fr., 1914,?) pp. 159-164.
- Crotch, George R.**, b. 1842; d. June 16, 1874.  
67. Coleoptera of the Azores <Proc. Zool. Soc. London, 1867, pp. 359-391.  
70. Genera of Col. studied chronologically <Trans. Ent. Soc. London, I, 1870, pp. 41-52; 213-241.  
73. Materials for the study of Phytophaga <Proc. Ac. Nat. Sc. Phila. XXV, 1873, pp. 19-83.  
Notes on the species of Buprestidæ <Proc. Ac. Nat. Sc. Phila. XXV, 1873, pp. 84-96.  
Synopsis of Erotylidæ <Trans. Am. Ent. Soc. IV, 1873, pp. 349-358.  
Synopsis of Endomychidæ <Trans. Am. Ent. Soc. IV, 1873, pp. 359-363.  
Revision of Coccinellidæ <Trans. Am. Ent. Soc. IV, 1873, pp. 363-382.  
Revision of Dytiscidæ <Trans. Am. Ent. Soc. IV, 1873, pp. 383-424.  
On the arrangement of families <Proc. Am. Phil. Soc. V, 1873, pp. 75-87.  
Check List of Coleoptera, Salem, 1873.
74. Desc. of n. sp. from Pacific Coast <Trans. Am. Ent. Soc. V, 1874, pp. 73-80.  
Revision of the Coleop. fam. Coccinellidæ, London, 1874, pp. 1-311.
- Curtis, John**, b. 1791; d. 1862.  
23. British Entomology, 16 vols., London, 1823-1840.
- Czempinski, Paul.**  
78. Dissertatio inauguralis etc., Vienna, 1778.
- Csiki, E.**, b. Oct. 22, 1875.  
01. Cat. Endomychidæ Suppl. to Tids. Ent. (Termes. Füzetek), XXIV, 1901, 53 pp.  
10. Endomychidæ <Junk Col. Cat. pars 12, 1910.  
Scaphidiidæ <Junk Col. Cat. pars 13, 1910.  
Platypsyllidæ <Junk Col. Cat. pars 18, 1910.  
11. Ptiliidæ <Junk Col. Cat. pars 32, 1911.  
13. Rhipiphoridæ <Junk Col. Cat. pars 54, 1913.  
15. Mordellidæ <Junk Col. Cat. pars 63, 1915.
- Czwalina G.**, b. Jan. 26; d. Jan. 4, 1894.  
88. Die Forcipes der Staph. Gatt. Lathrobium <D. E. Z. 1888, pp. 337-354, pl.
- Dalla Torre, K. W. von.**, b. July 14, 1850.  
11. Cioidæ <Junk Col. Cat. pars 30, 1911.  
Nosodendridæ, Byrrhidæ, Dermestidæ <Junk Col. Cat. pars 33, 1911.  
12. Cebriionidæ <Genera Insectorum, fasc. 127, 1912.  
Melolonthinæ I-III <Junk Col. Cat. pars 45, 47, 49, 1912.  
13. Melolonthinæ IV <Junk Col. Cat. pars 50, 1913.
- Dalman, Johann W.**, b. Nov. 4, 1787; d. July 11, 1828.  
17. in Schönherr's Synonymia Insectorum, Appendix, 1817.  
23. Analecta Entomologica, Holmiæ, 1823.  
25. Om Insekter inneslutna i Kopal etc. <Vetensk. Acad. Handl. 1825, XLVI, pp. 375-410.
- Davis, C. Abbott**, d. 1908.  
01. Insects of Rhode Island. (List of Coleoptera) 1901.  
02. Instructions for coll. etc. and R. I. List, Providence, 1902. (Second Edition of above).  
03. The Cicindelidæ of Rhode Island <Ent. News, XIV, 1903, p. 270-273.  
04. Check List of Col. . . . R. I. 3d ed. <Bull. 1, Roger Williams Park Mus. Providence, 1904, pp. 1-47.  
05. Add. to Check List <Apteryx, I, 1905, pp. 13-17.
- Davis, John J.**, b. Oct. 9, 1885.  
07. Life History etc. of Galeruca pomonæ in Ill. <Ent. News, XVIII, 1907, pp. 269-275, pl.  
19. Cont. to a kn. of nat. enemies of Phyllophaga <Bull. Ill. Nat. Hist. Surv. XIII, 1919, pp. 53-138, pl.
- Davis, William T.**, b. Oct. 12, 1862.  
04. A new Beetle fr. New Jersey <Ent. News, XV, 1904, p. 34.  
12. Notes on Distribution of Tiger Beetles <Journ. N. Y. Ent. Soc. XX, 1912, pp. 17-20.  
16. Notes on Malachidæ (w. Woodruff) <Journ. N. Y. Ent. Soc. XXIV, 1916, pp. 153-154.  
17. Ammodonus fossor on Staten Island <Journ. N. Y. Ent. Soc. XXV, 1917, pp. 126-127.



**Davis**

18. A new Tiger-beetle from Texas <Bull. Brooklyn Ent. Soc. XII, 1918, pp. 33-34.  
Notes on Calopteron <Journ. N. Y. Ent. Soc. XXVI, 1918, p. 231.

**DeGeer, Carl**, b. Feb. 10, 1720; d. Mch. 8, 1778.

52. Mémoires pour servir à l'histoire des Insectes, Stockholm, 1752-1778.  
I, 1752; II, 1771; III, 1773; IV, 1774; V, 1775; VI, 1776; VII, 1778

**Dejean, Comte Pierre F. M. A.**, b. Aug. 10, 1780; d. Mch. 17, 1845.

25. Spécies général des Coléoptères de la collection de M. le comte Dejean, Paris, 1825-1838.  
I, 1825; II, 1826; III, 1828; IV, 1829; V, 1831; VI, 1838.  
02. Catalogue des Coléoptères de la collection d'Auguste Dejean. Paris, 1802, pp. 1-11 (910 species).  
21. Cat. des Col. de la coll. de M. le baron Dejean. Paris, 1821, pp. 1-136 (6692 species).  
33. Ditto, Edition II, Paris, 1833, pp. 1-176. (4 livraisons only had been issued (instead of five) when edition was destroyed by fire.)  
37. Ditto, Edition III, corrected and augmented. Paris, 1837, pp. 1-503 (22,399 species).  
Index and Errata, pages 469-503.  
(Issued, without Index, in 1836, pp. 1-443, but numbers 361-384 were used twice, making 467 pages in all.)

**DeKay, James E.**, b. 1792, d. 1851.

44. Nat. Hist. New York, 1844, part VI, Mollusca and Crustacea.

**Desneux, Jules.**

06. Platypsyllidæ <Genera Insectorum, fasc. 41, 1906.

**Deyrolle, Henry (fils).**

64. Desc. des Buprestides de la Malaisie <Ann. Soc. Ent. Belg. VIII, 1864, pp. 1-269, pl.

**Dickerson, Edgar L.**, b. Jan. 13, 1878.

10. Notes on Rhynchites bicolor <Journ. Econ. Ent. III, 1910, pp. 316-317.  
see also Weiss.

**Dietz, Ottomar**, b. Apl. 4, 1854; d. Dec. 25, 1901.

83. Callida purpurea <Ent. Am. IV, 1883, p. 23.

**Dietz, William G.**

89. On the species of Macrops etc. <Trans. Am. Ent. Soc. XVI, 1889, pp. 28-54.  
90. Dendroctonus <Trans. Am. Ent. Soc. XVII, 1890, pp. 27-32.  
91. Revision of the gen. & sp. Anthonomini <Trans. Am. Ent. Soc. XVIII, 1891, pp. 177-276.  
94. Revision of the gen. & sp. Desmori <Trans. Am. Ent. Soc. XXI, 1894, pp. 113-178.  
96. Revision of the gen. & sp. Ceutorhynchini <Trans. Am. Ent. Soc. XXIII, 1896, pp. 387-480.  
10. Notes on Dryophthorus <Ent. News, XXI, 1910, pp. 47-48.

**Dimmock, Anna K.**

85. The Insects of Betula <Psyche, IV, 1885, p. 239 and 291.

**Dimmock, George W.**, b. May 17, 1852.

83. Scales of Coleoptera <Psyche, IV, 1883, p. 3, 23, 43, and 63.  
84. Coleoptera in Standard Natural History, II, 1884, pp. 297-402.  
06. Algunas Coccinellidæ de Cuba <Estacion Central Agronomica, Cuba, 1st Ann. Rept. 1906, pp. 287-392, pl.

**Dimmock and Knab, F.**

04. Early Stages of Carabidæ <Bull. 1. Springfield Mus. N. H., 1904, 55 pp. pl.

**Dohrn, Carl A.**, b. 1806; d. May 4, 1892.

79. Sahlberg's Insecta Fennica <Stett. Ent. Zeit. XL, 1879, pp. 110-115.

**Dokhturow, W.**, b. 1859; d. Feb. 5, 1890.

83. Cicindelidæ <Rev. Mens. Ent. I, 1883, p. 12.

**Doll, Jacob**, b. May 8, 1847.

85. Note on Dynastes <Bull. Brooklyn E. S. VII, 1885, p. 151.

**Donovan, Edward**, d. 1837.

92. The Natural History of British Insects, 16 vols., London, 1792-1813.

**Donckier de Donceel, Henri.**

84. Lists of Brenthidæ and Anthribidæ since G. & H. <C. R. Soc. Ent. Belg. XXVIII, 1884, pp. 303 and 214.  
85. Lists of Chrysomel. since G. & H. <Mem. Soc. Roy. Sci. Liège (2), XI, 1885, pp. 31.  
99. Cat. syst. des Hispidæ <Ann. Soc. Ent. France, 1899, pp. 540-615.

**Doran, Edwin W.**, b. Apl. 28, 1856.

88. Rept. on the ins. of Tennessee. <Biennial Rept. Agl. Stat. . . . Tenn. 1887-1888, pp. 38-39 (Reference to the report which was in manuscript only).

**Dow, Robert P.**, b. Feb. 24, 1869.

11. On some rare Cicindelæ <Ent. News, XXII, 1911, pp. 271-272.  
12. Trogositæ nyenta <Journ. N. Y. Ent. Soc. XX, 1912, p. 70.  
13. Rare or new Coleop. fr. Cal. <Bull. Brooklyn Ent. Soc. VIII, 1913, pp. 77-78.

**Drapiez, A.**, b. 1790?

19. Desc. de 8 espèces d'Insectes <Ann. génér. des sc. phys. Brux. I, 1819, p. 291; II, 1819, p. 47; V, 1820, p. 327; VII, 1821, p. 276.

**Drury, Dru.**, b. 1724; d. Jan. 15, 1804.

70. Illustrations of natural history, etc., London, 1770-1782.  
I, 1770; II, 1773; III, 1782 (2d ed. by J. O. Westwood, 1837).



- Dufour, Léon**, b. Apl. 11, 1780; d. Apl. 18, 1865.  
 35. Recherches anat. etc. (Macronychus & Elmis) <Ann. sc. nat. sér. 2, III, 1835, pp. 151-174.
- Dufschmid, Caspar**, d. about 1830.  
 05. Fauna Austriaca, Linz and Leipzig, 1805-1825.  
 I, 1805; II, 1812; III, 1825.
- Dugès, Eugenio**.  
 69. Descripcion de Coleopteros indigenas <La Naturaleza, I, 1869.  
 78. Descripcion de Coleopteros indigenas <La Naturaleza, IV, 1878, pp. 169-188.  
 89. Cantharis angulicollis <An. Mus. Michoacana, II, 1889, p. 105.  
 96. Cat. de la coll. de Coléop. Mex. Cat. 5, Museo Nacional, Mexico, 1896.
- Duméril, André M. C.**, b. Jan. 1, 1774; d. Aug. 14, 1860.  
 06. Zoologie analytique etc., Paris, 1806.
- Dunn, George W.**  
 91. The Tiger Beetles of Calif. <Zoc (2), 1891, pp. 152-154.
- Duponchel, Philogène A. J.**, b. 1744; d. Jan. 10, 1846.  
 25. Monogr. des Erotylides <Mém. du Mus. d'Hist. Nat. XII, 1825, pp. 30-61 and 156-176.
- Dupont, H.**  
 36. Monogr. des Trachydérides <Guérin Magas. VI, 1836, pp. 141-164.  
 38. Monogr. des Trachydérides <Guérin Magas. VIII, 1838, pp. 186-200.  
 39. Monogr. des Trachydérides <Guérin Magas. IX, 1839, pp. 204-224.  
 40. Suppl. Monogr. des Trachydérides <Guérin Magas. X, 1840, pp. 28-38.
- Dupuis, P.**  
 11. Metriinae <Genera Insectorum, fasc. 116, 1911.  
     Psydrinae <Genera Insectorum, fasc. 123, 1911.  
 12. Opisthiinae <Genera Insectorum, fasc. 126, 1912.  
     Notiophilinae <Genera Insectorum, fasc. 134, 1912.  
 13. Pentagonicinae <Genera Insectorum, fasc. 145, 1913.
- D'Urban, W. S. M.**  
 59. Cat. of Col. coll. by Robert Bell (Gaspé) <Can. Nat. & Geol. IV, 1859, pp. 242-244.  
     Syst. List of Col. vic. Montreal <Can. Nat. & Geol. IV, 1859, pp. 307-320; 494-496.  
 60. Cat.... Col. obs. in Ottawa <Can. Nat. & Geol. V, 1860, pp. 81-86.  
     Cat.... Col. coll. in Hudson's Bay Terr. <Can. Nat. & Geol. V, 1860, pp. 227-229.
- Dury, Charles**, b. 1847.  
 78. Notes on habits of Megalodacne etc. <Can. Ent. X, 1878, pp. 200-211.  
     Rare Captures at Cincinnati <Bull. Brooklyn E. S. I, 1878, p. 56.  
 79. List of Coleop. of Cincinnati <Journ. Cin. Soc. Nat. Hist. II, 1879, pp. 162-178.  
 82. List of Coleop. of Cincinnati <Journ. Cin. Soc. Nat. Hist. V, 1882, pp. 218-220.  
 84. Notes and Additions <Journ. Cin. Soc. Nat. Hist. VII, 1884, pp. 91-92.  
 88. Elateridae of Cincinnati <Ent. Amer. IV, 1888, pp. 163-164.  
 92. What I found in nest of Field Mouse <Journ. Cin. Soc. Nat. Hist. XV, 1892, p. 183.  
     Mordellidae in vic. Cincinnati <Journ. Cin. Soc. Nat. Hist. XV, 1892, pp. 123-126.  
 94. The Preparation & Care of Ins. Coll. <Journ. Cin. Soc. Nat. Hist. XVI, 1894, pp. 173-180.  
 98. Note on Anophthalmus <Ent. News, IX, 1898, p. 202.  
     Faunal Changes. Zool. Misc. <Journ. Cin. Soc. Nat. Hist. XIX, 1898, pp. 139-146.  
 00. Beetles & Random Notes <Journ. Cin. Soc. Nat. Hist. XIX, 1900, pp. 167-172.  
 01. A Blind Beetle fr. Cincinnati <Journ. Cin. Soc. Nat. Hist. XIX, 1901, pp. 243-244.  
 02. Revised List Cincinnati Coleop. <Journ. Cin. Soc. Nat. Hist. XX, 1902, pp. 107-196.  
 03. Note on Galeruca <Ent. News, XIV, 1903, p. 146.  
 04. Notes on Coleoptera <Ent. News, XV, 1904, pp. 52-53.  
 06. Ecological Notes & Additions <Journ. Cin. Soc. Nat. Hist. XX, pp. 251-256.  
 08. Agrilus ferrisi <Ent. News, XIX, 1908, p. 368.  
 09. Marching through Georgia <Ent. News, XX, 1909, pp. 392-394.  
 10. Ecol. Notes, New Sp. & Additions <Journ. Cin. Soc. Nat. Hist. XXI, 1910, pp. 61-67.  
 11. Some new Beetles from N. C. <Ent. News, XXII, 1911, pp. 273-275.  
 12. New Coleop. fr. Cincinnati <Journ. Cin. Soc. Nat. Hist. XXI, 1912, pp. 102-103.  
     A new Cychrus <Journ. Cin. Soc. Nat. Hist. XXI, 1912, p. 104.  
     Nat. Hist. Rambles in Cumb. Mts. <Nature and Culture, V, 1912.  
 13. Insects that carry Disease <Lancet-Clinic, 1913, pp. 1-8.  
 14. On Cioidae <Journ. N. Y. Ent. Soc. XXII, 1914, pp. 172-173.  
     What I found under a pile of Grass <Bull. Brooklyn Ent. Soc. IX, 1914, pp. 101-103.  
     A new Rhipidandrus fr. Florida <Journ. Cin. Soc. Nat. Hist. XXI, 1914, p. 168.

**Dury**

16. Two new Beetles fr. Cincinnati <Journ. Cin. Soc. Nat. Hist. XXII, 1916, pp. 14-15.  
 Nat. Hist. Notes of So. Arizona <Journ. Cin. Soc. Nat. Hist. XXII, 1916, pp. 4-13.  
 17. Synopsis of Cisitæ <Journ. Cin. Soc. Nat. Hist. XXIII, 1917, pp. 1-28.

**Duval, Jacquelin-Duval, P. N. Camille**, b. July 28, 1828; d. July 5, 1862.

50. Desc. d'un genre nouv. (Chevrolatia) <Ann. Soc. Ent. Fr., ser. 2, VIII, 1850, pp. 45-52.  
 51. Anillus, genre nouv. des Carabiques <Ann. Soc. Ent. Fr., ser. 2, IX, 1851, pp. 72-73.  
 54. Manuel Entomologique. Genera des Coléoptères d'Europe, Paris, 4 vols., 1857-1868.  
 According to Hagen, and the incomplete imprints on some of the pages, certain parts were issued earlier than the dates on title pages, viz:  
 Curculionides, 1854; Cicindélides, 1855; Dytiscides, 1856; completed, 1857;  
 Staphylinides, 1858; Histéricides, 1858; Colydiides, 1859;  
 Lucanides & Scarabæides, 1860, completed 1861.

57. Coleoptera von Cuba <in Ramon de la Sagra's Hist. Cuba, VII, 1857.

60. Glanures entomologiques, Paris, 1860.

68. Catalogue des Coléoptères d'Europe, 1868, 280 pp.

**Duvivier, Antoine**, d. 1896.

83. Enum. des Staph. décrits depuis Cat. G. & H. <Ann. Soc. Ent. Belg. XXVII, 1883, pp. 91-220.

85. Cat. des Chrysomélides décrits depuis Cat. G. & H. <Mém. Soc. Sci. Liège, XI, 1885, pp. 64.

**Edwards, Henry**, b. Aug. 27, 1830; d. June 9, 1891.

75. Localities and Habits of Omus <Psyche, I, 1895, pp. 73-76.

**Ehlers, W.**

83. Desc. of new blind Bembidii <Trans. Am. Ent. Soc. XI, 1883, p. 36.

**Eichelbaum, F.**, b. Sept. 30, 1848; d. 1920.

09. Katalog der Staphyliniden-Gattungen <Mém. Soc. Ent. Belg. XVII, 1909, pp. 71-280.

**Eichhoff, W.**, b. Nov. 21, 1823; d. Dec. 5, 1893.

64. Descriptions of Scolytidæ <Berl. Ent. Zeit. 1864 and later.  
 Mundtheile der Xylophagi <Berl. Ent. Zeit. 1864, pp. 17-47, pl.  
 71. Ratio Tomicinorum <Mem. Soc. Liège VIII, 1871.

81. Die Europ. Borkenkäfer.

**Eichhoff and Schwarz, E. A.**

96. Synonymy of Scolytidæ <Proc. U. S. Nat. Mus. XVIII, 1896, pp. 605-610.

**Emery, C.**, M.D.

76. Mordellidæ (Essai Monographique) <L'Abeille XIV, 1876, pp. 1-128.

**Emmons, Ebenezer**.

54. The Nat. Hist. of New York, Agriculture, V, Insects, Albany, 1854.

**Engelhardt, George P.**, b. Nov. 23, 1871.

18. Faunal Zones in S. W. Utah <Journ. N. Y. Ent. Soc. XXVI, 1918, p. 230.

**Erichson, Wilhelm F.**, b. Nov. 26, 1809; d. Nov. 18, 1849.

32. Monogr. generis Meloes (with J. F. Brandt <Acta Acad. Leopold, XVI, 1832, pp. 103-142.  
 Genera Dyticeorum, Berlin, 1832.

37. Die Käfer der Mark Brandenburg, Berlin, I, 1837; II, 1839.

39. Genera et Species Staphylinorum, Berlin, 1839-1840, pp. 1-954, pl.

40. Entomographien, Berlin, 1840.

41. Die Arten der Gattung Chalcolepidius <Germar Zeitschr. III, 1841, pp. 77-86.

44. Einige Nachträge... Nitidularien <Germar Zeitschr. I, 1844, pp. 438-458.

45. Naturgeschichte der Insecten Deutschlands, Berlin, 1845-1848.

- I, 1845, by Schaum; II, 1845, by Kraatz; III, 1846, by Erichson; IV, 1847, by Kiesenwetter,  
 V, 1847, VI, 1848, by Erichson.

47. Consp. Ins. Col. Peruana, pp. 67-185 <Wiegmann, Arch. f. Naturg. I, 1847, VII, 1847,  
 pp. 60-116; VIII, 1842, pp. 363-379.

- Zur Syst. Kenntn. der Insectenlarven <Archiv f. Naturgeschichte, XIII, 1847, pp. 275-288.

48. Die Insecten in Schomburgks Reise in Guiana, Leipzig, 1848, III, pp. 533-617.

**Eschscholtz, Johann F.**, b. Nov. 1, 1793; d. May 19, 1831.

18. Decades tres Eleutheratorum novorum <Mém. de l'Acad. de St. Petersb. VI, 1818, pp. 451-484.

20. Beschreibung des inneres skeletes, Dorpat, 1820.

22. Entomographien, Berlin, 1822.

23. Species Insectorum novæ descriptæ <Mém. Soc. Imp. Nat. Moscou, VI, 1823, pp. 95-108.

29. Eintheilung der Elateriden in Gattungen <Thom. Archiv. II, 1829, pp. 31-35.  
 Zoologischer Atlas, Berlin, 1829-1833.

31. Zoologischer Atlas, IV, 1831.

36. Eintheilung der Elateriden etc. <Silberman Revue ent. IV, 1836, pl. in 4.

**Evans, John D.**

95. The Insect Fauna of the Sudbury District, <Can. Ent. XXVII, 1895, pp. 141-146; 173-175.  
 Ont.



**Evans**

99. List of Colcop. from Halifax, Nova Scotia <Can. Ent. XXXI, 1899, pp. 320-321.  
 03. List of Canadian (Northwest Territories) Coleoptera <Can. Ent. XXXV, 1903, pp. 240-243, 288-292, 317-320.  
 06. Additions to Canada List of Coleop. <Can. Ent. XXXVIII, 1906, pp. 96-100.

**Everts, Jonkheer E. J. G.**, b. May 12, 1849.

98. Coleop. Neerl. I, 1898.

**Fabricius, Johann C.**, b. Jan. 7, 1745; d. May 3, 1810.

75. Systema Entomologiae, Flensburg and Lipsiae, 1775.  
 76. Genera Insectorum, Chilonii, 1776 (or 1777, published without date).  
 81. Species Insectorum, Hamburg and Kilonii, 1781. 2 vols.  
 87. Mantissa Insectorum, Hafniae, 1787. 2 vols.  
 90. Nova Insectorum genera <Skriftes af nat. hist. Selskabet, I, 1790, pp. 213-228.  
 92. Entomologia systematica, Hafniae, I, 1792.  
 93. Entomologia systematica, Hafniae, II, 1793. III, 1793,  
 94. Entomologia systematica, Hafniae, IV, 1794.  
 Cychrus en ny insect Slaegt <Skrifter af nat. hist. Selskabet, III, 1794, pp. 68-71.

98. Supplementum Entomologia systematica, Hafniae, 1798.

01. Systema Eleutheratorum, Kiliae, 1801. 2 vols.  
 Autobiography <Trans. Ent. Soc. London, IV, 1845, pp. I-XXI.

**Fabricius, Otto**, b. Meh. 6, 1744; d. May 20, 1822.

80. Fauna Groenlandica, Hafniae and Lipsiae, 1780.

**Fåhræus, O. J. von.**

39. in Schönherr's Genera et Species Curculionidum, V, 1839.

**Fairmaire, Léon**, b. June 29, 1820; d. 1906.

54. Faune entomologique Française, Paris, I, 1854-56 (with Laboulbène).  
 59. Rev. des. Col. du Chili <Ann. Soc. Ent. France, (3), VII, 1859, pp. 483-532.

61. Suppl. to Coléoptères de Chili (w. Germ.) <Ann. Soc. Ent. France, (4), I, 1861, 105-108 and 405-456.

78. Orizabus etc. <Rev. & Mag. Zool. 1878.

81. Hippodamia punctulata fr. Tonga Is. <Ann. Soc. Ent. France, (6), I, 1881, p. 491.

**Faldermann, Franz**, b. Feb. 2, 1799; d. Nov. 30, 1838.

37. Fauna Entomologica Transcaucasica, II <Nouv. Mém. Soc. Imp. Moscou, V, 1837.

**Fall, Henry C.**, b. Dec. 25, 1862.

93. California Notes <Ent. News, IV, 1893, p. 235.  
 94. Collecting in the Sierras of So. Cal. <Ent. News, V, 1894, pp. 97-101.  
 95. Aphodius rugifrons <Ent. News, VI, 1895, pp. 108.  
 On Cicindela formosa & venusta <Ent. News, VI, 1895, pp. 176-179.  
 97. List of Col. of So. Cal. Islands <Can. Ent. XXIX, 1897, pp. 233-244.  
 98. Revision of sp. of Apion of Am. n. of Mex. <Trans. Am. Ent. Soc. XXV, 1898, pp. 105-184.  
 A new Chalcolepidius <Ent. News, IX, 1898, pp. 238-239.  
 A Correction <Can. Ent. XXX, 1898, pp. 267.  
 99. Synopsis of sp. of Acmæodera <Journ. N. Y. Ent. Soc. VII, 1899, pp. 1-37.  
 Rev. of Lathridiidae of Bor. Am. <Trans. Am. Ent. Soc. XXVI, 1899, pp. 101-190.  
 00. List of a sm. coll. of Col. fr. Arctic Alaska <Ent. News, XI, 1900, pp. 459-460.  
 01. Notes on Dichelonycha and Cantharis <Trans. Am. Ent. Soc. XXVII, 1901, pp. 277-310.  
 List of the Col. of So. Cal. <Occ. Papers, Cal. Ac. Sci. VIII, 1901, pp. 1-282.  
 Two new sp. of Lucanidae fr. Cal. <Can. Ent. XXXIII, 1901, pp. 289-293.  
 A change of name <Can. Ent. XXXIII, 1901, p. 324.  
 A new Cicindela <Ent. News, XII, 1901, pp. 307-309.  
 02. Some Ins. of Hudsonian Zone in N. Mex. <Psyche, IX, 1902, pp. 303.  
 05. Notes on some Cal. Buprestidae <Ent. News, XVI, 1905, pp. 71-74.  
 Rev. of the Ptinidae of Bor. Am. <Trans. Am. Ent. Soc. XXXI, 1905, pp. 97-296.  
 Two new sp. of Aphodius <Ent. News, XVI, 1905, pp. 129-130.  
 New sp. of Col. fr. the Southwest <Can. Ent. XXXVII, 1905, pp. 270-276.  
 New sp. of Am. Col. of the tr. Zygopini <Trans. Am. Ent. Soc. XXXI, 1905, pp. 53-61.  
 On the affinities of the gen. Tachycellus <Journ. N. Y. Ent. Soc. XIII, 1905, pp. 169-178.  
 06. New Col. fr. the Southwest, II <Can. Ent. XXXVIII, 1906, pp. 113-117.  
 On the genus Trachykele <Ent. News, XVII, 1906, pp. 160-168.  
 A new Platycerus and a new Pleocoma <Ent. News, XVII, 1906, pp. 393-395.  
 A review of the N. Am. sp. Notiophilus <Psyche, XIII, 1906, pp. 79-92.  
 07. The No. Amer. sp. of Glaresis <Psyche, XIV, 1907, pp. 23-26.  
 The Col. of New Mexico (w. Cockerell) <Trans. Am. Ent. Soc. XXXIII, 1907, pp. 145-272.

Col. Notes, Syn. and Descriptive

New gen. and sp. of N. Am. Cerambycidae <Journ. N. Y. Ent. Soc. XV, 1907, pp. 80-87.

New Col. fr. the Southwest, III <Can. Ent. XXXIX, 1907, pp. 235-243.

Two new Myrmecophilous Histeridae <Psyche XIV, 1907, pp. 68-70.

08. New Scarabaeidae <Ent. News, XIX, 1908, pp. 159-164.



## Fall

09. Rev. of the sp. of *Diploptaxis* of the U. S. New Col. fr. the Southwest, IV  
A new *Platycholeus*  
Synopsis of sp. of *Ochodæus* <Trans. Am. Ent. Soc. XXXV, 1909, pp. 1-97.  
<Can. Ent. XLI, 1909, pp. 161-170.  
<Psyche, XVI, 1909, pp. 133.  
<Journ. N. Y. Ent. Soc. XVII, 1909, pp. 30-38.
10. New sp. of *Pogonocherus* <Ent. News, XXI, 1910, pp. 5-9.  
New *Silphidæ* of the tr. *Anisotomini* <Can. Ent. XLII, 1910, pp. 4-8.  
Misc. Notes and Desc. of N. Am. Col. <Trans. Am. Ent. Soc. XXXVI, 1910, pp. 89-197.  
On *Chrysobothris californicus* etc. <Journ. N. Y. Ent. Soc. XVIII, 1910, pp. 45-52.
11. The Tenth *Pleocoma* <Ent. News, XXII, 1911, pp. 64-66.
12. Four new *Myrmecophilous* Col. <Psyche XIX, 1912, pp. 9-12.  
New Col. fr. the Southwest, V <Can. Ent. XLIV, 1912, pp. 40-48.  
A new *Tetropium*, etc. <Ent. News, XXIII, 1912, pp. 320-323.  
A review of the N. Am. sp. of *Collops* <Journ. N. Y. Ent. Soc. XX, 1912, pp. 249-274.
13. A Correction <Journ. N. Y. Ent. Soc. XXI, 1913, pp. 71-72.  
A brief review of our sp. of *Magdalis* <Trans. Am. Ent. Soc. XXXIX, 1913, pp. 23-72.
15. The West Coast sp. of *Pedilus* <Pomona Coll. J. E. & Z. VII, 1915, pp. 10-33.  
A rev. of the N. Am. sp. *Pachybrachys* <Trans. Am. Ent. Soc. XLI, 1915, pp. 291-486.
16. Three new Col. fr. Washington State <Bull. Brooklyn Ent. Soc. XI, 1916, pp. 13-14.  
New N. Am. sp. of *Notoxus* <Bull. Brooklyn Ent. Soc. XI, 1916, pp. 33-38.
17. A new gen. and sp. of *Buprestidæ* <Ent. News, XXVIII, 1917, pp. 68-70.  
Short Studies in the *Malachidæ* <Trans. Am. Ent. Soc. XLIII, 1917, pp. 67-88.  
New *Coleoptera*, VI <Can. Ent. XLIX, 1917, pp. 163-171.  
New *Dytiscidæ* <Journ. N. Y. Ent. Soc. XXV, 1917, pp. 163-182.  
New *Coleoptera* VII <Can. Ent. XLIX, 1917, pp. 385-391.  
The Eleventh *Pleocoma* <Bull. Brooklyn Ent. Soc. XII, 1917, pp. 15-16.  
Two new var. of *Cicindela tranquebarica* <Bull. Brooklyn Ent. Soc. XII, 1917, p. 106.
18. New No. Am. sp. of *Apion* <Journ. N. Y. Ent. Soc. XXVI, 1918, pp. 218-223.
19. Change of Name <Ent. News, XXX, 1919, p. 26.
- Faust, Johann**, b. Feb. 12, 1832; d. Jan. 18, 1903.
75. *Horæ Soc. Ent. Ross.* XI, 1875.
92. *Die Anthoniden-Gruppe* <D. E. Z. 1892, pp. 17-60.
96. *Reise von E. Simon in Venezuela*, III <Ent. Zeit. Stettin, LVII, 1896, pp. 33-135.
- Fauvel, Albert**, b. 1840.
63. Descriptions <Ann. Soc. Ent. France, (4), III, 1863, p. 440.
62. *Notices Entomologiques 1. Nouv. Calédonie* <Bull. Soc. Linn. Normand. 1862, pp. 68.
64. *Notices Entomologiques 2. Amér. Centrale, Staph.* <Bull. Soc. Linn. Normand. 1864, pp. 66.
65. *Notices Entomologiques 3. Amér. Centrale et Notes Syn.* <Bull. Soc. Linn. Normand. IX, 1865, pp. 103.
66. *Notices Entomologiques 4. Chili et Notes Syn.* <Bull. Soc. Linn. Normand. X, 1866, pp. 110.
67. *Notices Entomologiques 5. Chili, etc.* <Bull. Soc. Linn. Normand. pp. 116.
77. *Notices Entomologiques sér. 2, 2. Molluques. Nouv. G.* <p. 147.
78. *Notices Entomologiques 6. Afrique boréale* <Bull. Soc. Linn. Normand. pp. 86.  
*Notices Entomologiques 7. Staph. de l'Amér. du Nord* <Bull. Soc. Linn. Normand. (3), II, 1878, pp. 100.  
*Notices Entomologiques sér. 2, 1. Australie & Polyn.* <p. 130.  
*Notices Entomologiques sér. 2, 3. Australie* <First series also published at Caen as separates; 2d series at Genova.
- 68-76 *Faune Gallo-Rhénane, Staphylinides*. <Bull. Soc. Linn. Normand. Ser 2.  
Vol. I, pp. i-xxiv, 1-187, 276-278, pl. 1-4 in Tome 2 (1868)  
pp. 188-275 in Tome 3 (1869)  
pp. 279-282 (Table) separately publ. (not in Bull.)  
Vol. II, pp. 1-166 in Tome 5 (1871)  
pp. 167-294, pl. 1, 2 in Tome 6 (1873)  
pp. 295-393 in Tome 7 (1873)  
pp. 394-544, pl. 3, 4 in Tome 8 (1874)  
pp. 545-738 in Tome 10 (1876)  
Suppl. aux *Staphylinides* (Suite I) called also  
pp. 1-24 in Tome 7, 1873  
pp. 25-46 in Tome 8, 1874  
pp. 47-82 in Tome 10, 1876  
In addition to the 1126 pp. on *Staphylinidæ*, noted above, this work has been continued through some other families since 1876.
89. *Liste des Coléoptères communs à l'Europe et à l'Amérique du Nord.* <Rev. d'Ent. VIII, 1889, pp. 92-174.
05. Descriptions <Rev. d'Ent. XXIV, 1905, p. 136.
- Fay, H. T.**
62. On Winter Collecting <Proc. Ent. Soc. Phila., I, 1862, pp. 194-198.

- Felsche, Carl**, b. Oct. 9, 1839; d. Apl. 11, 1914.  
 98. Verzeichniss der Lucaniden, Leipzig, 1898.  
 00. Desc. coproph. Scarabæidæ <D. E. Z. 1900.  
 01. Desc. coproph. Scarabæidæ <D. E. Z. 1901.  
 09. Reference to *Geotrupes retusus* <D. E. Z. 1909, p. 765.
- Felt, E. Porter**, b. Jan. 7, 1868.  
 07. Ins. aff. Park and Woodland Trees, Mem. N. Y. State Mus. VIII, pts. 1 and 2, 1905-1906, pp. 877, pl.
- Felt and Joutel, Louis H.**  
 04. Monogr. of the gen. *Saperda* <Bull. 74, N. Y. State Mus., 1904, pp. 3-86, pl.
- Fenyès, A.**  
 03. *Palaeoxenes dohrni* Horn <Ent. News, XIV, 1903, p. 220.  
 07. The *Aleocharinæ* by Casey <Ent. News, XVIII, 1907, pp. 60-61  
 08. Prel. Systematic Arr. *Aleocharinæ* <Ent. News, XIX, 1908, pp. 56-65.  
 09. A new Staphylinid genus fr. Cal. <Can. Ent. XLI, 1909, pp. 325-326.  
     New *Aleocharinæ* of the U. S. <Ent. News, XX, 1909, pp. 418-425.  
     Two n. sp. *Aleocharinæ* fr. Cal. <Proc. Wash. Ent. Soc. XI, 1909, pp. 197-199.  
 10. A new Staphylinid genus fr. Arizona <Ent. News, XXI, 1910, pp. 117-119.  
 12. *Aleocharinæ* fr. Aleutian Is. <Proc. Cal. Ent. Soc. 1912, (Apl. 20)  
     Remarks on *Gnypeta* <Can. Ent. XLIV, 1912, pp. 105-112.  
     *Gyronecha Csy.* a critical study <Ent. News, XXIII, 1912, pp. 123-125.  
     *Falagria Mannh.* and its relatives <Journ. N. Y. Ent. Soc. XX, 1912, pp. 20-27.  
 18. *Aleocharinæ* <Gen. Ins. 1918, fasc. 173A, 110 pp.
- Fernald, Charles H.**, b. Mch. 16, 1838.  
 78. *Aphodius consputus* in Maine <Bull. Brooklyn E. S. I, 1878, p. 23.
- Ferrari, Graf. J. A.**, b. July 28, 1823; d. June 15, 1893.  
 67. Die Forst- und Baunzuchtschädlichen Borkenkäfer, 1867, 96 pp.
- Ferris, Gordon F.**, b. Jan. 2, 1893.  
 18. An apparently new sp. *Leptinillus* <Can. Ent. L., 1918, pp. 125-128.
- Ferté**, see La Ferté.
- Fischer von Waldheim, Gotthelf**, b. Oct. 15, 1771; d. Oct. 13, 1853.  
 17. De Coleopteris quibusdam novis <Mém. Soc. Imp. Nat. Moscou, V, 1817, pp. 463-471.  
 20. Entomographia imperii russici, Moscou, 1820-1851, I, 1820-1822; II, 1823-1824; III, 1825-1828; IV, 1846-1849; V, 1851.  
 21. Lettre à le Dr. Pander, Moscou, 1821.
- Fisher, W. S.**, b. Apl. 4, 1878.  
 12. *Cerambycidæ* from Harrisburg, Pa. <Ent. News, XXIII, 1912, pp. 308-316.  
 14. A new sp. *Callichroma* fr. Texas <Proc. Ent. Soc. Wash. XVI, 1914, pp. 97-98.  
 15. New *Cerambycidæ* <Proc. Ent. Soc. Wash. XVII, 1915, pp. 77-79.  
 16. A new *Xylotrechus* <Proc. Ent. Soc. Wash. XVIII, 1916, pp. 214-216.  
 17. A new sp. *Agrilus* fr. Cal. <Can. Ent. XLIX, 1917, pp. 287-289.  
 18. A new *Hoplia* fr. Florida <Can. Ent. L, 1918, pp. 140-142.  
     *Chrysobothris tranquebarica* Gmel. <Proc. Ent. Soc. Wash. XX, 1918, pp. 173-177.
- Fiske, W. F.**, b. Mch. 20, 1876.  
 06. *Paraplinthus shermani* <Proc. Ent. Soc. Wash. VIII, 1906, p. 31.
- Fitch, Asa**, b. 1809; d. 1879.  
 54. First Rept. on . . . Ins. of State of N. Y. <Trans. N. Y. State Agl. Soc. XIV, 1854, pp. 705-880.  
 55. Second Rept. on . . . Ins. of State of N. Y. <Trans. N. Y. State Agl. Soc. XV, 1855, pp. 409-559.  
 56. Third Rept. on . . . Ins. of State of N. Y. <Trans. N. Y. State Agl. Soc. XVI, 1856, pp. 315-490.  
 57. Fourth Rept. on . . . Ins. of State of N. Y. <Trans. N. Y. State Agl. Soc. XVII, 1857, pp. 687-753.  
 58. Fifth Rept. on . . . Ins. of State of N. Y. <Trans. N. Y. State Agl. Soc. XVIII, 1858, pp. 781-854.  
 56. 1st and 2d Reports, reprinted in one volume, Albany, 1856, pp. 1-336.  
 59. 3d, 4th, and 5th Reports, reprinted in one volume, Albany, 1859.
- Flach, Karl**, b. Nov. 15, 1856.  
 89. Best. d. *Trichopterygidæ* d. Eur. <Verh. zool.-bot. Ges. Wien, XXXIX, 1889, pp. 481-532.
- Fleischer, A.**  
 00. *Palorus* <Wien. Ent. Zeit. XIX, 1900, pp. 236-237.
- Fletcher, James**, b. Mch. 28, 1852; d. Nov. 8, 1908.  
 89. List of diurnal Lepid. & Coleop. fr. James Bay <Rept. progr. Can. Geol. Surv. 1889, p. 75.
- Fletcher, James, and Gibson, Arthur.**  
 01-18. Entomological Record <Ann. Repts. Ent. Soc. Ontario, XXXII-XLIX, 1901-1918.

(Lists of Insects captured in Canada.)



- Fleutiaux, Edmond J. B.**, b. Oct. 22, 1858.  
 86. Suppl. to G. & H. Cat. Languriides etc. <Ann. Soc. Ent. Belg. 1886, pp. 216-224.  
 92. Cat. syst. des Cicindelidæ <Mém. Soc. Sci. Liège, 1892, pp. 1-186.  
 94. Suppl. to G. & H. Trixagidæ etc. <Ann. Soc. Ent. Belg. 1894, pp. 687-691.  
 95. List of Trixagidæ etc. imp. in tobacco <Ann. Soc. Ent. Belg. XXXIX, 1895.  
 97. Eucnemidæ of Flohr coll. <Ann. Soc. Ent. Belg., 1897.  
 11. Trixagidæ des Antilles <Ann. Soc. Ent. France, 1911, pp. 235-264.
- Foersberg, Carl P.**  
 21. De Gyrinis commentatio <Nov. Acta R. Societ. Sc. Upsala, VIII, 1821, pp. 297-314.  
 Monographia Clythræ <Nov. Acta R. Societ. Sc. Upsala, VIII, 1821, pp. 258-292.
- Folsom, Justus W.**, b. Sept. 2, 1871.  
 06. Entomology, w. special reference to its biological and economic aspects, Phila., 1906, 485 pp.
- Forbes, S. A.**  
 83. Food relations of Carab. and Cocc. <Bull. 6, Illinois St. Lab. N. H. 1883, pp. 33-64.  
 84. Life Hist. of 3 Eumolpini <Psyche, IV, 1884, pp. 123-130, pl.  
 16. Genl. Survey of Phyllophaga of Ill. <Bull. 186, Univ. Ill. Agr. Exp. Sta. 1916.  
 See also Bibliography of Economic Entomology by Henshaw and Banks.
- Forster, Johann R.**, b. Oct. 22, 1729; d. Dec. 9, 1798.  
 71. A Catalogue of the Animals of No. Amer., London, 1771.  
 81. Novæ species Insectorum, Centuria I, London, 1781.  
 Reprint of above <Willughby Soc. London, 1882.
- Foudras, Antoine C. M. E.**, b. Nov. 19, 1781; d. Apl. 13, 1859.  
 60. Altisides (in Mulsant's Col. France) <Ann. Soc. Linn. Lyon, ser. 2, 1859, pp. 157-384.
- Fourcroy, A. F.**, b. June 15, 1755; d. Dec. 16, 1809.  
 85. Entomologia Parisiensis, 1785.
- Fowler, W. W.**  
 09. Languriinæ <Gen. Ins. fasc. 78, 45 pp., pl.
- Fox, Henry**, b. Feb. 18, 1875.  
 10. Obs. on Cicindelidæ . . . in N. J. <Ent. News, XXI, 1910, pp. 75-82.
- Friedenreich, C. W.**  
 83. Pilzbewohnende Käfer <Stett. Ent. Zeitschr. XLIV, 1883, pp. 375-380.
- Frisch, J. L.**  
 20. Beschr. von allerley Insekten in Teutschland, Berlin, 1720-1738.
- Frivaldszky von Frivald, Emerich**, b. 1799; d. Oct. 19, 1870.  
 38. Magyar Tred. Tars. Evkôn III, 1838.  
 Akiralyi magyar termesztudo manyi tarsulat evkonyvei-clso kotet 1841-1845.  
 <Ann. der Naturforsch. Ges. v. Ungarn 1841-1845.  
 (cf. Wien Ent. Monatschr. 1860, p. 148).
- Froelich, Jos. A.**  
 92. Bemerk. u. e. seltene Käfer etc. <Naturforscher, XXVI, 1792, pp. 68-165.  
 93. Kritisches Verzeichniss etc. <Naturforscher, XXVII, 1793, pp. 128-175.  
 94. Neue Gattungen etc. <Naturforscher, XXVIII, 1794, pp. 1-65.  
 02. Bemerk. u. c. seltene Käfer etc. <Naturforscher, XXIX, 1802, pp. 109-134.
- Frost, C. A.**, b. Aug. 28, 1872  
 08. Notes on Attelabus rhois & parasite <Psyche, 1908, pp. 26-32.  
 09. Notes on Wood-Boring Col. <Ent. News, 1909, pp. 298-299.  
 10. A new sp. of Chrysobothris fr. Maine <Journ. N. Y. Ent. Soc. XVIII, 1910, pp. 43-45.  
 12. Variations of Orsodachna atra <Psyche, XIX, 1912, pp. 153-156.  
 New sp. Col. of the gen. Agrilus <Can. Ent. XLIV, 1912, pp. 245-252.  
 Coll. Col. in a Maine sawmill yard <Can. Ent. XLIV, 1912, pp. 304-308.  
 13. Notes on Tomoxia <Ent. News, XLV, 1913, pp. 126-129.  
 15. June collecting in Maine <Can. Ent. XLVII, 1915, pp. 141-145.  
 List of Col. collected fr. Tanglefoot <Ent. News, XXVI, 1915, pp. 269-270.  
 16. Collecting Notes on Maine Col. <Can. Ent. XLVIII, 1916, pp. 381-390.
- Fuchs, Charles**, b. Nov. 25, 1839; d. June 11, 1914.  
 83. Synopsis of Lucanidæ <Bull. Brooklyn Ent. Soc. V, 1883, 49-52; 57-60;  
 pl.  
 Also several collecting notes <Bull. Brooklyn Ent. Soc. I, II, III, V, and VII.
- Fuchs, Gilbert.**  
 11. Morphologische Studien über Borkenkäfer, München, 1911.
- Fuessly, Johann C.**, b. 1743; d. Apl. 10, 1786.  
 78. Magazin für die Liebhaber der Entomologie, Zürich, I, 1778; II, 1779.  
 81. Archiv der Insectengeschichte, Zürich, I, 1781; II, 1782, III, 1783, IV, 1783.  
 82. Neues Magazin für die Liebhaber der Entomologie, Zürich, I, 1781-82, II, 1785, III, 1786-87.  
 86. V, 1784; VI, 1785; VII, VIII, 1786.
- Fyles, Thomas W.**, b. 1882.  
 02. Cassida viridis <Can. Ent. XXXIV, 1902, p. 273.



- Gahan, Charles J.**, b. 1862.  
 87. *Ceratographis* <Trans. Am. Ent. Soc. XV, 1887, p. 300.  
 90. Notes on some W. I. Longhorns <Ann. Mag. Nat. Hist. (6), VI, 1890, pp. 23-34.  
 95. West Indian Longhorns <Trans. Ent. Soc. Lond., 1895, pp. 79-140.  
     *Vesperoctenus* Bates, and its syst. position <Ent. Mo. Mag. ser. 2, VI, 1895, pp. 22-24.  
 06. Fauna Brit. Ind. Col. I, 1906.  
 08. Notes on No. Am. Longh. w. desc. n. sp. <Ann. Mag. Nat. Hist. (8), I, 1908, pp. 140-145.  
 11. On Recent Attempts to classify Col. <The Entomologist, XLIV, 1911, pp. 121 et seq.
- Ganglbauer, Ludwig**, b. Oct. 1, 1856; d. June 5, 1912.  
 92. Die Käfer von Mittel Europa, I, 1892,  
 95. Die Käfer von Mittel Europa, II, 1895,  
 99. Die Käfer von Mittel Europa, III, 1899,  
 03. Syst. Koleop. Stud. <Münch. Kol. Zts. I, 1903, pp. 271-319.  
 04. Die Käfer von Mittel Europa, IV, 1904.
- Gardiner, F., Jr.**  
 79. Col. of the White Mts. <Psyche, II, 1879, pp. 211-213.
- Garman, Harrison**, b. Dec. 27, 1858  
 92. The Origin of the Cave Fauna of Ky., <Science, XX, 1892, pp. 240-241.  
     with desc.
- Garnett, Richard T.**  
 18. Notes on the genus *Buprestis* in Cal. <Ann. Ent. Soc. Am. XI, 1918, pp. 90-92.
- Gebien, H.**, b. Oct. 4, 1874.  
 10. *Tenebrionidæ* I, <Junk Col. Cat. pars 15, 1910.  
     *Tenebrionidæ* II, <Junk Col. Cat. pars 22, 1910.  
 11. *Tenebrionidæ* III, <Junk Col. Cat. pars 28, 1911.  
     *Tenebrionidæ* IV, <Junk Col. Cat. pars 37, 1911.
- Gebler, Friedrich A. von**, b. Sept. 15, 1782; d. Mch. 21, 1850.  
 15. Descriptions <Fischer's Ent. Russ., III, 1815.  
 30. Desc. of Siberian beetles <Ledebour's Reise, 1830.
- Géhin, J. B.**, b. 1816; d. Dec. 2, 1889.  
 85. Cat. syn. et syst. des Col. de la Tribu Carabides, Remiremont, 1885.
- Gemminger, Max and Harold Edgar von**, b. Jan. 20, 1822.  
 68. Catalogus Coleopterorum, Munich, Tomes I-XII, 1868-1876.  
     I. *Cicindelidæ*, *Carabidæ*, 1868, pp. 1-424.  
     II. *Dytiscidæ* to *Scaphididæ*, 1868, pp. 425-752.  
     III. *Histeridæ* to *Lucanidæ*, 1868, pp. 753-978.  
     IV. *Scarabaeidæ*, 1869, pp. 979-1346.  
     V. *Buprestidæ* to *Cebrionidæ*, 1869, pp. 1347-1608.  
     VI. *Rhipidoceridæ* to *Cioidæ*, 1869, pp. 1609-1800.  
     VII. *Tenebrionidæ* to *Oedemeridæ*, 1870, pp. 1801-2179.  
     VIII. *Curculionidæ*, 1871, pp. 2181-2668.  
     IX. *Scolytidæ* to *Cerambycidæ*, 1872, pp. 2669-2988.  
     X. *Cerambycidæ* (*Lamiini*), *Bruchidæ*, 1873, pp. 2989-3232.  
     XI. *Chrysomelidæ* I, 1874, pp. 3233-3478.  
     XII. *Chrysomelidæ* II to *Platypsyllidæ*, 1876, pp. 3479-3822, with Index of entire work, pp. 1-LXXIII.  
     In this famous Catalogue there are listed 77,008 species of Beetles.  
     (See also *Berichtigungen* etc. in Col. Hefte III to XIV.  
     For additions see Berge, Candèze, Champion, Donckier, Duvivier, Fleutiaux, Gehin, Kerremans, Lameere, Nonfried, Pic, Preudhomme, Severin, Vanden Branden, also Junk Cat. and Genera Insectorum.
70. Die Arten der Gatt. *Euparia* <Col. Hefte VI, 1870, pp. 19-30.
- Geoffroy, Etienne L.**, b. 1727; d. Aug. 1810.  
 62. Histoire abrégée des insectes qui se trouvent aux environs de Paris, Paris, 1762 (also cited 1764).
- Germain, Bro.**  
 15. *Orchestes scutellaris* in Canada <Can. Ent., XLVII, 1915, p. 309.
- Germar, Ernst F.**, b. Nov. 3, 1786; d. July 8, 1853.  
 10. Ahrens Beit. z. e. Monogr. *Donacia* <Neue Schrift. Hall. naturf. Ges. I, 1810, pp. 1-48.  
 11. Nachtrag. z. e. Monogr. *Rohrkäfers* <Neue Schrift. Hall. naturf. Ges. I, 6, 1811, pp. 25-46.  
 13. Magazin der Entomologie, Halle, I, 1813.  
 15. Magazin der Entomologie, Halle, II, 1815.  
 17. Magazin der Entomologie, Halle, II, 1817.  
 18. Versuch einer Eintheilung . . . Russelk. <Neu Ann. d. Wetterauer Ges. 1818.  
     Magazin der Entomologie, Halle, III, 1818.  
 21. Magazin der Entomologie, Halle, IV, 1821.  
 24. *Insectorum species novæ*, Halæ, 1824, XXIV + 624 pp., 2.pl.  
 39. Zeitschrift für die Entomologie, Leipzig, I, 1839.  
 40. Zeitschrift für die Entomologie, Leipzig, II, 1840.

**Germar**

41. Zeitschrift für die Entomologie, Leipzig, III, 1841 (or 1842).  
 43. Zeitschrift für die Entomologie, Leipzig, IV, 1843.  
 44. Zeitschrift für die Entomologie, Leipzig, V, 1844.

**Gerstaecker, Carl E. A.**, b. 1828; d. July 20, 1895.

54. Beschreibung neuer Arten Apion <Stett. Ent. Zeit. XV, 1854, pp. 234-261, 265-280.  
 55. Rhipiphoridum Col. Fam. disp. syst., Berlin, 1855.  
 58. Monogr. der Endomychiden etc., Leipzig, 1858, 433 pp.  
 60. Beiträge zur K. der Curculionen <Stett. Ent. Zeit. XXI, 1860, pp. 376-398.  
 87. Translation of his "Position of Pleocoma" <Ent. Am. III, 1887, p. 202.

**Gestro, R.**

10. Rhysodidae <Junk Col. Cat. pars 1, 1910.  
 Cupesidae <Junk Col. Cat. pars 5, 1910.

**Gillet, J. J. E.**

11. Coprinæ <Junk Col. Cat. pars 38, 1911.

**Gissler, Carl F.**

78. Larvæ of Tenebrionidae <Bull. Brooklyn E. S. I, 1878, pp. 11, 18, 85, pl.  
 79. Biol. Notes on Tenebrionidae <Bull. Brooklyn E. S. II, pp. 7-8, 1879.  
 Anatomy of Amblycheila <Psyche, II, 1879, pp. 233-244, pl.

**Gistel, Johannes**, b. 1803.

34. Die Insecten-Douletten aus der samml. d. Grafen R. von Jenison, Munich, 1834.  
 37. Systema Insectorum, etc., Munich, I, 1837.  
 38. Systema Insectorum, etc., Munich, II, 1838.

**Glasgow, Robert D.**

15. Phyllophaga, Harris <Bull. Illinois Lab. N. H. XI, 1915, pp. 365-379.

**Glover, Townend**, b. 1812; d. Sep. 8, 1883.

69. The food and habits of beetles <Rept. of U. S. Com. Agr. for 1868, Wash. 1869, pp. 78-117.

**Gmelin, Johann F.**, b. Aug. 8, 1748; d. Nov. 1, 1804.

88. Ed. 13 of Linné's Systema Naturæ, Lipsiæ, 1788-93.

**Goeze, Johann A. E.**, b. May 28, 1731; d. June 27, 1793.

77. Entomologische Beiträge z. d. Ritter Linné 12 ed. I, 1777, Leipzig.  
 78. Entomologische Beiträge z. d. Ritter Linné 12 ed. II, 1778.  
 79. Entomologische Beiträge z. d. Ritter Linné 12 ed. III, 1779-81.

**Gorham, H. S.**, b. 1839; d. Mch. 22, 1920.

73. Endomyzici recitato.  
 76. Notes on the Coleop. fam. Cleridæ <Cistula Ent. II, 1876, pp. 57-106.  
 82. Melyridæ <Biol. C. Am. Col. III, pt. 2, 1882, p. 128.  
 83. Malacodermata <Biol. C. Am. Col. III, pt. 2, 1883, p. 202.  
 86. Malachidæ <Biol. C. Am. Col. III, pt. 2, 1886,  
 88. Malachidæ <Biol. C. Am. Col. VII, pt. 2, 1888.  
 96. Malacodermata <Biol. C. Am. Col. VII, pt. 2, 1896.  
 97. Malacodermata <Biol. C. Am. Col. VII, pt. 2, 1897.  
 98. Malacodermata <Biol. C. Am. Col. VII, pt. 2, 1898.  
 99. Malacodermata <Biol. C. Am. Col. VII, pt. 2, 1899.  
 01. Spec. of Langurides <Ann. Museo civico di Storia Nat. di Genova, (2), XX, 1901.

**Gory, Hippolyte L.**, d. 1852.

33. Desc. de . . . Rutela et Buprestis <Ann. Soc. Ent. France, 1833, II, pp. 67-68.  
 Monogr. des Cétonines (w. Percheron), Paris, 1833.  
 35. Monogr. des Buprestides, Paris, 1835-1841.  
 41. Supplem. Buprestides, Paris, 1841.

**Gould, Augustus A.**, b. Apl. 23, 1805; d. 1866.

34. On the Cicindelæ of Mass. <Boston Journ. Nat. Hist. I, 1834, pp. 41-54, pl.

**Goureau, Lt. Col. O.**

44. Note p. s. à l'h. du Phytonomus rumicis <Ann. Soc. Ent. Fr. (2), II, 1844, pp. 49-59.

**Gozis, Maurice des**, b. 1851; d. Apl. 11, 1909.

85. Litorimus <Rev. d'Ent. IV, 1885, p. 120.  
 86. Recherches esp. typ, Montlucon, 1886.

**Gravenhorst, Johann L. C.**, b. Nov. 14, 1777; d. Jan. 14, 1857.

02. Coleoptera Microptera Brunsvicensia, Brunsvigæ, 1802.  
 06. Monogr. Coleopterorum Micropterorum, Göttingen, 1806, pp. 1-236.  
 07. Vergleichende Übersicht d. Zool. Syst., Göttingen, 1807.

**Gray, George R.**, b. July 8, 1808.

32. New spec. of Insects <Griffith Animal Kingdom, XIV, 1832.

**Green, J. Wagener.**

17. A new Trichodes <Ent. News, XXVIII, 1917, p. 367.

**Greene, George M.**

09. Zophobas morio in N. Am. <Ent. News, XX, 1909, p. 434.

**Griffith, H. G.**

00. Col. Fauna Phoenix, Ariz. etc. <Ent. News, XI, 1900, pp. 561-570.

- Grossbeck, John A.**, b. Feb. 2, 1883; d. Apl. 8, 1914.  
 12. List of Col. coll. Lower Calif. <Bull. Am. Mus. N. H. XXXI, 1912, pp. 324-325.
- Grote, Augustus R.**, b. Feb. 7, 1841; d. Sep. 12, 1903.  
 79. Desc. of Zeugophora reineckeii <No. Amer. Ent. I, 1879.
- Grouvelle, Antoine**, b. 1843; d. June 9, 1917.  
 76. Desc. of Læmophlœus <Ann. Soc. Ent. France, 1876, pp. 496-499.  
 96. Nitidulidæ <Bull. Soc. Ent. France, 1896.  
     Parnidæ & Heteroceris <Notes fr. Leyden Mus. XVIII, 1896.  
 98. Clavicorns <Ann. Soc. Ent. France, 1898.  
 03. Syn. des Rhyssodides <Rev. d'Ent. 1903, pp. 85-147.  
 13. Byturidæ and Nitidulidæ <Junk Col. Cat. pars 56, 1913.
- Guérin-Ménéville, Félix E.**, b. Oct. 12, 1799; d. Jan. 26, 1874.  
 29. Iconographie du règne anim. partie 7, les Insectes, Paris, 1829-44.  
 30. Partie entomologique du Voyage de Duperrey, Paris, 1829-32.  
 34. Magasin de zoologie I, 1831; II, 1832; III, 1833; IV, 1834; V, 1835; VI, 1836; VII, 1837; VIII, 1838.  
     Magasin de zoologie, 2 ser. I, 1839; II, 1840; III, 1841; IV, 1842; V, 1843; VI, 1844; VII, 1845.  
 40. Cicindèles nouv. découv. à Pensacola <Revue zool. 1840, p. 37.  
 44. Carabus <Revue zool. 1844.  
 45. Dromochorus pilatei <Bull. Soc. Ent. France, 1845.  
 49. Spécies et Iconographie etc., Paris, 1842-1849.
- Guillebeau, F.**, b. 1821; d. 1897.  
 94. Desc. de quelq. esp. d. l. fam. des Phalacrides <Ann. Soc. Ent. France, 1894, pp. 275-310.
- Gundlach, Juan**, b. July 17, 1810; d. Mch. 17, 1896.  
 91. Entomologia Cubana, III, Coleop. <An. Acad. Cien. Habana, 1891, pp. 1-404.  
 93. Faune Puerto-Riqueña, VIII <An. Soc. Esp. Hist. Nat. XXII, 1893, pp. 287-344.
- Complete bibliography by Chas. T. Ramsden in Ent. News, XXVI, 1915, p. 257-260.
- Gyllenhal, Leonhard**, b. Dec. 3, 1752; d. May 13, 1840.  
 08. Insecta Suecica descripta I, 1808.  
 10. Insecta Suecica descripta II, 1810.  
 13. Insecta Suecica descripta III, 1813.  
 17. Appendix to Schönherr's Syn. Ins.  
 27. Insecta Suecica descripta IV, 1827.
- Hagedorn, Julius Max, M.D.**, b. Nov. 28, 1852; d. Dec. 15, 1914.  
 10. Ipidæ <Junk Col. Cat. pars 4, 1910.  
     Ipidæ <Gen. Ins. fasc. 111, 1910, pp. 1-178, 14 pl.
- Hagen, Hermann August**, b. May 30, 1817; d. Nov. 9, 1893.  
 62. Bibliotheca Entomologica, Leipzig, 1862-1863, 2 vols.  
     See also Additions and Corrections by  
     Kraatz <Berl. Ent. Zeits. XVIII, 1874, pp. 209-226.  
     Schmidt-Goebel <D. E. Z. XX, 1876, pp. 145-160.  
     Dalla Torre <Ent. Nachr. IV, 1878, pp. 324-330.  
     Dalla Torre <Ent. Nachr. VI, 1880, pp. 125-129, 137-140, 168-171, 261-267.  
     Dalla Torre <Ent. Nachr. VII, 1881, pp. 45-48, 163-170.  
 78. On the new carpet bug <Can. Ent. X, 1878, pp. 161-163.  
 84. Scolytus rugulosus in branches of Pear Trees <Can. Ent. XVI, 1884, pp. 161-163.  
     Notes on Chalcographa scalaris <Can. Ent. XVI, 1884, pp. 120, 225-226.  
 86. Previous stages of Ptinidæ and allies <Can. Ent. XVIII, 1886, pp. 153-157.
- Haldeman, Samuel S.**, b. Aug. 12, 1812; d. Sept. 10, 1880.  
 42. Cat. Carab. Col. of S. E. Pennsylvania <Proc. Ac. N. S. Phila. I, 1842, pp. 295-298.  
 43. Desc. of N. Am. sp. of Col. (Carabidæ) <Proc. Ac. N. S. Phila. I, 1843, pp. 298-304.  
 44. Desc. of Insects pres. to be undescr. <Proc. Ac. N. S. Phila. II, 1844, pp. 53-55.  
 45. On several new genera and 16 sp. Ins. <Proc. Ac. N. S. Phila. III, 1845, pp. 124-348.  
 47. Materials t. a. Hist. of Longicornia <Trans. Am. Phil. Soc. (2) X, 1847, pp. 27-66.  
     Longicornia, Corrections and Additions <Proc. Am. Phil. Soc. IV, 1847, pp. 371-376.  
 48. Desc. of No. Am. Coleop. <Journ. Ac. N. S. Phila. (2), 1848, pp. 95-110.  
     On the Occurrence of Cremastocheilus etc. w. ants <Sillim. Am. Journ. (2), VI, 1848, pp. 148.  
 49. Cryptocephalinorum Bor. Am. diagn. <Journ. Ac. N. S. Phila., new ser. I, 1849, pp. 245-265.  
 52. Insects of Stansbury's Expl. & Surv. Great Salt Lake Valley, Phila. 1852, pp. 366-378.  
 53. Desc. of some new sp. Insects <Proc. Ac. N. S. Phila., VI, 1853, pp. 361-365.
- Haliday, Alexis H.**,  
 55. Entomological Remarks (Trichopteryx) <Nat. Hist. Rev. Dublin II, 1855, pp. 116-124.
- Hamilton, Dr. John**, b. Feb. 17, 1827; d. Feb. 12, 1897.  
 82. Remarks on Agonoderus and Tachycellus <Can. Ent. XIV, 1882, pp. 104-106.



**Hamilton**

83. Observations on *Anthrenus* etc. <Can. Ent. XV, 1883, pp. 90-93.  
 84. Notes on a few sp. Col. confused in coll. <Can. Ent. XVI, 1884, pp. 35-38.  
 Survival of the fittest, *Pterostichus* <Can. Ent. XVI, 1884, pp. 73-77.  
*Valgus*, *Elleschus*, *Xyloryctes* <Can. Ent. XVI, 1884, pp. 105-108.  
*Trogoderma*, *Physonota*, *Tanysphyrus* <Can. Ent. XVI, 1884, pp. 133-136.  
 Col. in Sept. on Brigantine Beach, N. J. <Can. Ent. XVI, 1884, pp. 186-190.  
 85. Hibernation of Coleoptera <Can. Ent. XVII, 1885, pp. 35-38.  
 Short Notes on Coleoptera <Can. Ent. XVII, 1885, pp. 45-48.  
 Remarks on some sp. Coleoptera <Can. Ent. XVII, 1885, pp. 103-106.  
 Entomology at Brigantine Beach, N. J. <Can. Ent. XVII, 1885, pp. 201-206.  
 86. Nat. Hist. Notes on certain Col. <Can. Ent. XVIII, 1886, pp. 26-30.  
 Nat. Hist. Notes on certain Col., II <Can. Ent. XVIII, 1886, pp. 111-116.  
 A correction to Notes on certain Col., II <Can. Ent. XVIII, 1886, pp. 140.  
 87. Nat. Hist. Notes on certain Col., III <Can. Ent. XIX, 1887, pp. 62-65.  
 Synonymy in Am. Coleop. <Can. Ent. XIX, 1887, pp. 105-108.  
*Elaphidion villosus* <Can. Ent. XIX, 1887, pp. 141-144.  
 88. *Saperda fayi*, concolor and *Aphodius* <Can. Ent. XX, 1888, pp. 6-9.  
 Nat. Hist. Notes on Coleop., IV <Can. Ent. XX, 1888, pp. 61-67.  
 A correction to Notes on Coleop., IV <Can. Ent. XX, 1888, pp. 120.  
 Letter on Thoroughness in Ent. tables <Ent. Amer. IV, 1888, p. 78.  
 Cat. of the Myrmecophilous Col. <Can. Ent. XX, 1888, pp. 161-166.  
 Knowledge of Death in Insects <Can. Ent. XX, 1888, pp. 179-180.  
 89. Electric Light Captures <Psyche, V, 1889, pp. 149-150.  
 Notes on Coleop., V <Can. Ent. XXI, 1889, pp. 29-34.  
 Cat. Col. common to No. Am. Asia and Eur. <Trans. Am. Ent. Soc. XVI, 1889, pp. 88-162.  
 Corrections and Additions to prev. papers <Can. Ent. XXI, 1889, pp. 101-108.  
 90. Rare Beetles on the N. J. coast <Ent. News, I, 1890, pp. 12-13.  
*Balaninus* — Its Food Habits <Can. Ent. XXII, 1890, pp. 1-8.  
 Proposed Corrections of Specific Names <Ent. Am. VI, 1890, pp. 41-44.  
 The Inhabitants of a Hickory Nut Hull <Ent. News, I, 1890, pp. 49-51.  
 Notes on Leptura <Ent. Am. VI, 1890, pp. 214-215.  
 Entomology at Longport, N. J. <Ent. News, I, 1890, pp. 142-144.  
 Notes on Coleoptera, VI <Can. Ent. XXII, 1890, pp. 237-242.  
 91. Notes on Coleoptera, VII <Can. Ent. XXIII, 1891, pp. 60-65.  
 Notes on *Sphenophorus minimus* <Ent. News, II, 1891, pp. 113-114.  
*Lachnosterna insperata* & *fraterna* <Ent. News, II, 1891, pp. 135-137.  
 Notes on Coleoptera, VIII <Can. Ent. XXIII, 1891, pp. 181-186.  
 Notes <Insect Life, IV, 1891, pp. 129, 268, 270.  
 92. Notes on Coleoptera, IX <Can. Ent. XXIV, 1892, pp. 37-42.  
 Notes on Coleoptera, X. <Can. Ent. XXIV, 1892, pp. 157-163.  
 Notes on *Bruchus*, *Miarus*, etc. <Ent. News, III, 1892, pp. 253-255.  
 Notes on Coleoptera, XI <Can. Ent. XXIV, 1892, pp. 293-300.  
 93. The Col. of Alaska <Ent. News, IV, 1893, pp. 187-188.  
 Medico-Entomology <Ent. News, IV, 1893, pp. 217-219.  
 \*List of Col. taken at Sparrow Lake <Can. Ent. XXV, 1893, pp. 272-279, 324-327.  
 \*Desc. of some new sp. Col. <Can. Ent. XXV, 1893, pp. 305-310.  
 94. Cat. of the Col. of Alaska <Trans. Am. Ent. Soc. XXI, 1894, pp. 1-38.  
 Col. taken at Lake Worth, Fla. <Can. Ent. XXVI, 1894, pp. 250-256.  
 Cat. of Col. com. to No. Am., Asia, Eur. <Trans. Am. Ent. Soc. XXI, 1894, pp. 345-416.  
*Mononychus vulpeculus* <Ent. News, V, 1894, pp. 287-288.  
 95. \*Cat. of Col. of S. W. Penn. <Trans. Am. Ent. Soc. XXII, 1895, pp. 317-381.  
 Col. taken at Lake Worth, Fla., II <Can. Ent. XXVII, 1895, pp. 317-322.  
 96. A Review of T. L. Casey's Reasons etc. <Ent. News, VII, 1896, pp. 70-71.  
*Lepyris* <Can. Ent. XXVIII, 1896, pp. 125-127.  
*Lepyris*, *Lixus*, etc. <Can. Ent. XXVIII, 1896, pp. 184-187.  
 Notes on Coleoptera, XII <Can. Ent. XXVIII, 1896, pp. 261-265.  
 \**Physocnemum*, *Copris*, etc. <Ent. News, VII, 1896, pp. 286-287.  
 Random Notes on Col. <Ent. News, VII, 1896, pp. 291-293.  
 97. *Pinodytes* and *Anthicus* <Ent. News, VIII, 1897, pp. 34-35.  
**Hamilton, John and Henshaw, Samuel.**  
 91. The New Cat. of Eur. Cop. <Psyche, VI, 1891, pp. 147-148.  
 A List of Local Lists of Col. <Psyche, VI, 1891, pp. 160-162, 188-193, 205-209.  
**Hamilton, John and Leng, Charles W.**  
 96. \*Syn. of Ceramb. pt. III, Lamiinae <Trans. Am. Ent. Soc. XXIII, 1896, pp. 101-178.  
**Hampe, Clemens**  
 61. Einige neue Käfer, etc. <Wien Ent. Monatsschr. V, 1861, pp. 65-69.  
**Handlirsch, Anton**, b. Jan. 20, 1865.  
 08. Die fossilen Insekten, etc., Leipzig, 1908, 1403 pp. many plates.

- Hanham, A. W.**  
 94. List of Quebec Coleoptera <Can. Ent. XXVI, 1894, p. 350.
- Hardenberg, C. B.**  
 07. Comp. Studies in the Trophi of Scarab. <Trans. Wisconsin Ac. A. S. & L. XV, 2, 1907, pp. 548-602, pl.
- Hardy, James.**  
 53. Journ. of an Excursion into Northumberl. <Trans. Tyneside Nat. Field Club, II, 1853, pp. 303-311.
- Harold, Freiherr Edgar von**, b. May 30, 1830; d. Aug. 1, 1886.  
 60. Diagnoses de nouv. esp. d'Aphodius <Ann. Soc. Ent. Fr. (3), VIII, 1860, pp. 614-616.  
 63. Beiträge z.k.e. coprophagen Lamell. V <Berliner Ent. Zeitschr. VII, 1863, pp. 327-389.  
 67. Descriptions Onthophagus <Col. Hefte, II, 1867, pp. 23-59.  
 68. Descriptions of Ataenius sculptilis<sup>1</sup> <Col. Hefte, III, 1868, p. 86.  
 Mon. der Gatt. Canthon <Berliner Ent. Zeitschr., 1868, pp. 1-144.  
 69. Revision of Pinotus <L'Abeille, VI, 1869, pp. 123-144.  
 Ueber Coprophage Lamell. <Col. Hefte, V, 1869, pp. 46-70.  
 Note sur quel. Coprides du Mexique <Ann. Ent. Soc. France, IX, 1869, pp. 493-512.  
 71. Diag. neuer Coprophagen <Col. Hefte, VIII, 1871, pp. 114-116.  
 72. Mon. der Gatt. Trox <Col. Hefte, IX, 1872, pp. 1-192.  
 74. Diagn. neuer Coprophagen <Col. Hefte, XI, 1874, pp. 102-105.  
 Zur kennt. d. kugelf. Trogiden <Col. Hefte, XII, 1874, pp. 26-51.  
 Ataenius socialis (Besch. zwei n. Aph. art.) <Berl. Ent. zeit. 1874, pp. 174-176.  
 75. Beit. z. k. d. Halticæ Oedipodes <Col. Hefte, XIII, 1875, pp. 1-26.  
 Diag. neuer Arten <Col. Hefte, XIV, 1875, pp. 88-94.  
 76. Diag. neuer Arten <Col. Hefte, XV, 1876, pp. 118-124.  
 77. Beschr. einiger Oedionychis Arten <Deutsche Ent. zeit. 1877, pp. 433-434.  
 77-78. Descriptions <Mitth. Münch. Ent. Verein, I, pp. 113-125.  
 80. Verz. d. v. Steinheil. ges. coproph. Lamell. <Stettiner Ent. zeit. 1880, pp. 13-46.  
 81. Zur Kennt der Gatt. Oedionychis <Berliner Ent. zeit. 1881, pp. 119-154.  
 84. Bemerk. z. . . . Cat. Col. Europæ <Berliner Ent. zeit. XXVIII, 1884, pp. 121-131.  
 See also Gemminger and Harold.
- Harrington, W. Hague**, b. Apl. 19, 1852; d. Mch. 13, 1918.  
 83. List of Ottawa Col. <Trans. Ottawa F. Nat. Club, II, 1883, pp. 67-85.  
 84. Additions to Can. lists of Col. <Can. Ent. XVI, 1884, pp. 44-47; 70-73; 96-98; 117-119.  
 90. Lists of Col. publ. by Geol. Survey Canada <Can. Ent. XXII, 1890, pp. 135 et seq.  
 91. Notes on Canadian Rhynchophora <Can. Ent. XXIII, 1891, pp. 21-27.  
 92. Two distinguished settlers <Can. Ent. XXIV, 1892, p. 112.  
 95. Some Winter Ins. fr. Swamp Moss. <Rept. Ent. Soc. Ontario, XXV, 1895, pp. 47-49.  
 96. Ithycerus <Can. Ent. XXVIII, 1896, p. 109.  
 99. Ottawa Cerambycidæ <Ottawa Nat. XIII, 1899, pp. 57-68.  
 Extra Limal Ins. found at Ottawa <Ottawa Nat. XIII, 1899, pp. 117-125.
- Harris, Edward D.**, b. Sept. 20, 1839; d. Mch. 2, 1919.  
 01. Cicindelidæ of Mt. Desert, Maine <Journ. N. Y. Ent. Soc. IX, 1901, pp. 27-28.  
 Desc. of Cicindela roguensis <Can. Ent. XXXIII, 1901, p. 226.  
 02. Notes on Cicindelæ in N. C. <Can. Ent. XXXIV, 1902, pp. 217-218.  
 11. N. Am. Cicind. in the Harris collection, Yonkers, 1911.  
 13. Three new Cicindelids <Journ. N. Y. Ent. Soc. XXI, 1913, pp. 67-69.  
 18. Cicindelidæ of New Hampshire <Journ. N. Y. Ent. Soc. XXVI, 1918, p. 237.  
 Complete bibliography by C. W. Leng <Journ. N. Y. Ent. Soc. XXVII, 1919, p. 240.
- Harris and Leng, Charles W.**  
 16. The Cicindelinae of No. Amer. as arr. by Dr. W. Horn in Gen. Ins. New York, 1916.
- Harris, Thaddeus W.**, b. Nov. 12, 1795; d. Jan. 16, 1856.  
 24. Desc. of four native sp. of the g. Cantharis <N. Eng. Journ. of Med. & Surgery, XIII, 1824, pp. 243-250.  
 27. Desc. of three sp. of the g. Cremastocheilus <Journ. Ac. N. S. Phila. V, 1827, pp. 381-389.  
 Minutes tow. a hist. of Am. Melolontha <N. Eng. Farmer, VI, 1827, pp. 9-10 and 18.  
 28. Cont. to Entomology, Cicindelidæ <N. Eng. Farmer, VII, 1828, pp. 90-91.  
 Cont. to Entomology, Carabidæ <N. Eng. Farmer, VII, 1828, pp. 117-118, 122-123, 132.  
 Cont. to Entomology, Dytiscidæ <N. Eng. Farmer, VII, 1828, pp. 156 and 164.  
 29. Cont. to Entomology, Buprestidæ, etc. <N. Eng. Farmer, VIII, 1829, pp. 1-3.  
 33. List of the Insects of Mass. <Rept on the Geology etc., Amherst, 1833, pp. 566-595.  
 35. List of the Insects of Mass. . <2nd. ed. of above, Amherst, 1835, pp. 553-601.  
 Cat. of Animals, etc. of Mass. separate, Amherst, 1835, pp. 33-82.  
 Upon the Economy of s. sp. of Hispa <Bost. Journ. N. H. I, 1835, pp. 141-151.

<sup>1</sup> Five of Harold's descriptions are reprinted in Bull. Br. Ent Soc. IV, 1881, pp. 59-06.



**Harris**

36. Characteristics of . . . N. Am. Coleop.<sup>1</sup> <Trans. Hartford N. H. I, 1836, pp. 65-99.  
 39. Remarks on the N. Am. Ins. b. t. g. Cychrus <Proc. Bost. Soc. N. H. II, 1839, pp. 189-204.  
 41. A Report on the Ins. of Mass. injurious to Veg., Publ. by Legislature, 1841.  
 42. A Report on the Ins. of Mass. injurious to Veg., Cambridge, 1842.  
 51. Insects on the potato-vine <Journ. of Agriculture, I, 1851, pp. 99-102.  
 52. A Report on the Ins. of Mass. injurious to Veg., ed. 2, Boston, 1852.  
     On some Am. sp. of Cicindela <Family Visitor, Cleveland, Ohio, 1852, No. 39.  
 62. A Report on the Ins. of Mass. injurious to Veg., edited by Charles L. Flint, Boston, 1862.  
 69. Entomol. Correspondence (ed. by S. H. Scudder) <Bost. Soc. N. H. Occ. Papers, I, 1869.

**Hart, Charles A.**, b. Oct. 12, 1859; d. Feb. 18, 1918.

90. Desc. Sphenophorus minimus <16th Report Ill. St. Ent., 1890, p. 65.

**Hausen, J. F.**

90. Platynus hornii, n. sp. <Canad. Record of Science, IV, 1890, pp. 235-236.  
 91. Pterostichus (Dysidius) stenopus, n. sp. <Canad. Record of Science, IV, 1891, pp. 250-254.  
     Zilora canadensis n. sp. <Canad. Record of Science, IV, 1891, pp. 319-320.  
     Pterostichus (Dysidius) pulvinatus <Le Naturaliste Canad. XX, 1891, pp. 159-160.  
     Platynus (Anchomenus) testaceonotus <Le Naturaliste Canad. XX, 1891, pp. 162-163.  
 92. List of Col. vic. of St. Jerome, Quebec <Can. Record of Science, V, 1892.

**Hayward, Roland**, d. Apl. 11, 1906.

83. Cat. of Green Mt. Col. (w. H. A. Savage) <Quar. Journ. Bost. Zool. Soc. II, 1883, pp. 12-15; 24-29; 36-38.  
 97. On the sp. of Bembidium of Am. n. of Mex. <Trans. Am. Ent. Soc. XXIV, 1897, pp. 32-143.  
     Prel. Handbook of the Col. of N. E. Amer. Bembidium <Journ. N. Y. Ent. Soc. V, 1897, pp. 133-149.  
 00. A Study of the sp. of Tachys of Bor. Am. <Trans. Am. Ent. Soc. XXVI, 1900, pp. 191-238.  
 01. Syn. Notes on Bembidium and Desc. <Trans. Am. Ent. Soc. XXVII, 1901, pp. 156-158.  
 02. Note on Secondary Sexual ch. of Omophron <Psyche, IX, 1902, pp. 304.  
 04. An abnormal sp. of Bembidium scudleri <Psyche, XI, 1904, pp. 14.  
 08. Studies in Amara <Trans. Am. Ent. Soc. XXXIV, 1908, pp. 13-65.  
 09. Classification of the families of Col. (ed. by G. M. Greene) Philadelphia, 1909, pp. 1-38.

**Heer, Oswald**, b. Aug. 31, 1809.

38. Fauna Coleopterorum helvetica, Turici, 1838-1842.  
     (see Sharp Ent. Mo. Mag. XII, 1901, pp. 143-144, re Heer's types).

**Heffenger, C. P. W. and Hopkins, J. B.**

10. A List of Coleop. coll. at Concord, Mass. <Proc. Thoreau Mus. N. H. I, 1910, pp. 7-10.

**Heikertinger, F.**

11. Halticini com. to Eur. and Amer. <Verh. Zool. Bot. Ges. Wien. 1911, pp. 1-20.

**Heinrich, C.**, b. Apl. 7, 1880.

14. A new Cal. Col. on Plum <Insec. Inscit. Menstr. II, 1914, p. 145.  
     Notes on some forest Col. <Proc. Ent. Soc. Wash. XVI, 1914, pp. 66-69.

**Hellenius, Carl Nicolas.**

86. Forsök till beskrifning . . . Serropalpus <Vetensk. Acad. nya Handl. 1786, VII, pp. 310-319.

**Heller, K. M.**, b. Mch. 21, 1864.

95. Zygopiden Studien II <Abh. Z. A. E. Mus. Dresden, 1895.  
 00. On syn. of Zyopidæ <Ent. Nach. XXVI, 1900, p. 64.

**Hellmuth, C. A.**

64. New Sp. Mordellistena coll. in Ill. <Proc. Ac. Nat. Sc. Phila. XVI, 1864, p. 105.  
 65. New Sp. Mordellidæ coll. in Ill. <Proc. Ac. Nat. Sc. Phila. XVII, 1865, p. 96.

**Hellwig, Johann C. L.**, b. Nov. 8, 1743; d. Sept. 10, 1831.

94. Dritte Nachricht etc. <Schneid. Mag. 1794 (or 1792) I, 3, pp. 385-408.

**Henneguy, L. F.**

04. Les Insectes, 1904.

**Henriksen, Kai L.**

11. Oversigt over de danske Elateride larver <Ent. Meddelelser, pt. 2, IV, 1911, pp. 225-252.

**Henshaw, Samuel.**

74. List of Col. . . of Cliftondale, Mass. <Psyche, I, 1874, pp. 17-18, 22-23.  
 78. Entom. Writings of Dr. John L. Leconte, Cambridge, 1878.  
 79. Entom. Writings of Dr. Geo. H. Horn, Cambridge, 1879.  
 85. Note on "On some Historical Errors" <Ent. Am. I, 1885, p. 18.  
     List of the Coleoptera of America, north of Mexico, Philadelphia, 1885, 161 pp.  
 86. First Supplement Coleoptera of America <Ent. Am. II, 1886, pp. 213-220.  
 87. Some Eur. Beetles in Amer. <Can. Ent. XIX, 1887, pp. 159-160.  
     Record of some Contributions <Ent. Am. I, 1885, p. 41, 73.  
     Record of some Contributions <Ent. Am. II, 1886, p. 65, 93.  
     Determinations of the 36 Col. desc. by D. Ziegler <Can. Ent. XVII, 1885, pp. 131-132.  
 89. Second Supplement Coleoptera of America <Ent. Am. V, 1889, pp. 127-138.

<sup>1</sup> Reprinted by George M. Greene in Trans. Am. Ent. Soc. XLIV, 1918, pp. 251-261.



**Henshaw**

90. Bibliography of . . . Economic Entom. pt. 1, U. S. Dept. Agl. Div. Ent. 1890, 49 pp.  
 Bibliography of . . . Economic Entom. pt. 2, U. S. Dept. Agl. Div. Ent. 1890, pp. 50-95.  
 Bibliography of . . . Economic Entom. pt. 3, U. S. Dept. Agl. Div. Ent. 1890, pp. 96-454.  
 Bibliography of . . . Economic Entom. pt. 4, U. S. Dept. Agl. Div. Ent. 1890, pp. 1-167.  
 95. Third Supplement Coleoptera of America, Philadelphia, 1895, 62 pp.  
 96. Bibliography of . . . Economic Entom. pt. 5, U. S. Dept. Agl. Div. Ent. 1896, pp. 1-179.

**Hentz, Nicholas M.**, b. 1797; d. 1856.

27. Desc. of s. new sp. of No. Am. Ins.<sup>1</sup> <Journ. Ac. Nat. Sc. Phila. V, 1827, pp. 373-375.  
 30. Desc. of 11 n. sp. of No. Am. Ins.<sup>1</sup> <Trans. Am. Phil. Soc. ser. 2, III, 1830, pp. 253-258.

Remarks on the use of Maxillæ

<Trans. Am. Phil. Soc. ser. 2, III, 1830, pp. 458-463.

69. in Scudder's Ent. Corresp. Harris

<Boston Soc. Nat. Hist. Occ. Papers, I, 1869.

**Herbst, Johann F. W.**, b. Nov. 1, 1743; d. Nov. 5, 1807.

82. Entomologische Bermerkungen <Fuessly Arch. d. Insect. I, 1782; II, 1784; 1785; III, 1786.  
 84. Kritisches Verzeichniss etc. <Fuessly Arch. d. Insect. II, heft 4 and 5, 1784; 1785.  
 85. Natursystem etc., Käfer, Berlin, 1785-1806 (ten volumes).  
 06. I, 1785; II, 1789; III, 1790; IV, 1792; V, 1793; VI, 1795; VII, 1797; VIII, 1799; IX, 1801; X, 1806.

**Herschel,**

07. Die Europäischen Arten v. Necrophorus <Illiger's Mag. VI, 1807, pp. 268-276.

**Hess, Walter N.**

17. Chordonotal Organs and Pleural Discs of Cerambycid Larvæ <Ann. Ent. Soc. Amer. X, 1917, pp. 63-74, 4 pl.

Photogenic Organs of Photuris

<Ent. News, XXVIII, 1917, pp. 304-310.

**Heyden, Dr. Lucas von**, b. May 22, 1838; d. Sept. 13, 1915.

79. Die Carabus-Arten der Hudsons bay <Deutsche Ent. Z. XXIII, 1879, pp. 161-167.  
 85. Ueber Epicauta bicolor . . . und dichroa <Deutsche Ent. Z. XXIX, 1885, p. 90.  
 90. Europ.-Nord. Am. Col. Syn. <Wiener Ent. Zeitung, IX, 1890, pp. 131-132.

**Hochhuth, Johann H.**, d. June 17, 1872.

49. Die Staphylinen-Fauna des Kaukasus <Bull. Moscou, XXII, 1849, pp. 18-214.

**Hoffmansegg, Graf Johann C.**, b. Aug. 23, 1766; d. Dec. 13, 1849.

17. Ent. Bemerk . . . über Amer. Ins. <Wiedem. Mag. I, 1817, pp. 8-56.  
 18. Ent. Bemerk . . . über Amer. Ins. <Wiedem. Mag. I, 1818, pp. 49-110.

**Hoffmann, J. J.**

03. Entomologische Hefte etc., Frankfurt am Main, 1803.

**Holdhaus, Dr. Karl**, b. Jan. 21, 1883.

03. Beiträge z. k. d. k. g. Atomaria <Münch. Kol. Zeitsch. I, 1903, pp. 350-382.  
 10. Die Siebetechnik etc. <Zeitschr. f. wiss. Insekten biol. VI, 1910, pp. 44-57.

**Holland, William J.**, b. Aug. 16, 1848.

88. Captures made while traveling . . . B. C. <Can. Ent. XX, 1888, pp. 89-92.

**Holme, Frederick.**

37. On the Col. ins. . . in Scilly Is. <Trans. Ent. Soc. London, II, 1837, pp. 58-64.

**Hope, Frederick W.**, b. 1797; d. 1862.

32. in An. Kingd. I, p. 363.  
 37. The Coleopterist's Manual, London, I, 1837.  
 38. The Coleopterist's Manual, London, II, 1838.  
 40. The Coleopterist's Manual, London, III, 1840.  
 45. A Cat. of the Lucanoid Col., London, 1845.

**Hopkins, Andrew D.**, b. Aug. 20, 1857. (Taxonomic papers only).

93. Cat. W. Va. Scolytidæ <Bull. 31, West Virginia Agl. Exp. Sta. pp. 121-168.  
 Cat. Forest & Shade Tree Insects <Bull. 32, West Virginia Agl. Exp. Sta. pp. 169-252.  
 94. Sexual characters in Scolyt. <Can. Ent. XXVI, 1894, pp. 274-280.  
 95. Discovery of new Scolytid etc. <Proc. Ent. Soc. Wash. III, 1894, pp. 104-105.  
 Food Habits of Corthylus <Proc. Ent. Soc. Wash. III, 1894, pp. 105-107.  
 99. Rept. Invest. Spruce and Pine <Bull. 56, W. Va. Agl. Exp. Sta. 1899, pp. 197-461.  
 02. A new Scolyt. fr. Florida <Proc. Ent. Soc. Wash. V, 1902, pp. 34-38.  
 05. Mex. Scolytidæ <Proc. Ent. Soc. Wash. VII, 1905, pp. 77-81.  
 Notes on Scolyt. Larvæ <Proc. Ent. Soc. Wash. VII, 1905, pp. 143-149.  
 07. A genus and sp. new to U. S. <Proc. Ent. Soc. Wash. VII, 1907, pp. 112-114.  
 09. The genus Dendroctonus <Bull. 17, pt. 1, Tech. Ser. Bur. Ent., 1909, pp. 1-164, pl.

<sup>1</sup> Reprinted in Bull. Br. Ent. Soc. VI, 1884, pp. 63 and 109.

**Hopkins**

11. Pissodes <Bull. Tech. ser. 20, Bur. Ent., 1911, pp. 1-68, pl.  
 13. Parallelism in char. . . Scolytoid Beetles <Proc. Biol. Soc. Wash. XXVI, 1913, pp. 209-212.  
 14. List of generic names <Proc. U. S. Nat. Mus. XLVIII, 1914, pp. 115-136.  
 15. Prel. Classif. Scolytidæ <Bull. Tech. ser. 17, pt. 2, 1915, pp. 165-230, pl.  
     Notes on Ipidæ <Proc. Ent. Soc. Wash. XVII, 1915, p. 54.  
     Cryphalinae <Rept. 99, Office of Sec. U. S. D. A. 1915, pp. 1-75, pl.  
     New Scolytidæ <Journ. Wash. Ac. Sci. V, 1915, pp. 429-433.

**Hoppe, David H.**, b. 1760; d. Aug. 1, 1846.

95. Enumeratio insectorum elytratorum circa Erlangam, Erlangæ, 1795.

**Horn, Dr. George H.**, b. Apl. 7, 1840; d. Nov. 24, 1897.

60. Desc. of new No. Amer. Coleop. <Proc. Ac. Nat. Sc. Phila. 1860, pp. 569-571, pl. 8.  
 61. Notes on the habits of Col. larvæ <Proc. Ent. Soc. Phila. I, 1861, pp. 28-30.  
     Obs. on the habits of Col. larvæ <Proc. Ent. Soc. Phila. I, 1861, pp. 43-44.  
 62. Monogr. of sp. of Trogosita in h. U. S. <Proc. Ac. Nat. Sc. Phila. 1862, pp. 82-88.  
     Desc. of some new No. Amer. Col. <Proc. Ent. Soc. Phila. I, 1862, pp. 187-188.  
 66. Desc. of some new Cicindelidæ fr. Pac. <Proc. Ac. Nat. Sc. Phila. 1866, pp. 394-397.  
     Desc. of some new Central Am. Col. <Proc. Ac. Nat. Sc. Phila. 1866, pp. 397-401.  
 67. Notes on the habits of Calif. Col. <Proc. Ent. Soc. Phila. VI, 1867, pp. 289-293.  
     On Usechus lacerata Mots. <Proc. Ent. Soc. Phila. VI, 1867, pp. 293-294.  
     On Rhagodera tuberculata Mann <Proc. Ent. Soc. Phila. VI, 1867, pp. 294-296.  
     Some Obs. on Phodaga alticeps Lec. <Proc. Ent. Soc. Phila. VI, 1867, pp. 296.  
     Desc. of a new Pseudomorpha <Trans. Am. Ent. Soc. I, 1867, pp. 151-154, pl.  
     On Amphizoa insolens Lec. <Trans. Am. Ent. Soc. I, 1867, pp. 154-158.  
     Notes on the Zopheri of U. S. <Trans. Am. Ent. Soc. I, 1867, pp. 159-162.  
     Desc. of western Scarabæidæ <Trans. Am. Ent. Soc. I, 1867, pp. 163-170.  
 68. Geotrupes of Bor. Am. <Trans. Am. Ent. Soc. I, 1868, pp. 313-322.  
     The U. S. sp. of Cicindela <Trans. Am. Ent. Soc. I, 1868, pp. 2-3 (Proc.).  
     Note on Dysmathes sahlbergi <Trans. Am. Ent. Soc. I, 1868, p. 18 (Proc.).  
     Cat. of Col. fr. S. W. Virginia <Trans. Am. Ent. Soc. II, 1868, pp. 123-128.  
     New sp. Col. fr. Pacific district <Trans. Am. Ent. Soc. II, 1868, pp. 129-140.  
 69. Characters of Cossyphus <Trans. Am. Ent. Soc. II, 1869, p. 10 (Proc.).  
     Cantharis, Acanthia etc. <Allen's Outlines of Comp. Anat. Phila., 1869.  
 70. Syn. of Parnidæ of U. S. <Trans. Am. Ent. Soc. III, 1870, pp. 29-42.  
     Notes on some gen. Scarabæidæ. <Trans. Am. Ent. Soc. III, 1870, pp. 42-51.  
     Cont. to Coleopterology of U. S. <Trans. Am. Ent. Soc. III, 1870, pp. 69-97.  
     Desc. Cat. Nebria and Pelophila <Trans. Am. Ent. Soc. III, 1870, pp. 97-105.  
     On the sp. of Oodes and allied gen. <Trans. Am. Ent. Soc. III, 1870, pp. 105-109.  
     Desc. of Aphodius and Dialytes <Trans. Am. Ent. Soc. III, 1870, pp. 110-134, pl.  
     Desc. of new sp. Histeridæ <Trans. Am. Ent. Soc. III, 1870, pp. 134-142.  
     Coleoptera <Rec. Amer. Ent. for 1869, 1870, pp. 38-46.  
     Revision of Tenebrionidæ <Trans. Am. Phil. Soc. XIV, 1870, pp. 253-454, pl.  
 71. Syn. of sp. of Corphyra of U. S. <Trans. Am. Ent. Soc. III, 1871, pp. 278-283.  
     Syn. of Aphodiini of U. S. <Trans. Am. Ent. Soc. III, 1871, pp. 284-297, pl.  
     Remarks on sp. of Isomalus <Trans. Am. Ent. Soc. III, 1871, pp. 297-299.  
     Desc. of new sp. of Elateridæ <Trans. Am. Ent. Soc. III, 1871, pp. 299-324, pl.  
     Desc. of new Col. of U. S. <Trans. Am. Ent. Soc. III, 1871, pp. 325-344.  
     Coleoptera <Rec. Amer. Ent. for 1870, 1871, pp. 13-19.  
 72. Desc. and figures of early st. Agriotes <Can. Ent. IV, 1872, pp. 4-6.  
     mancus  
     Syn. of Malaehiidæ <Trans. Am. Ent. Soc. IV, 1872, pp. 109-127.  
     The Brenthidæ of the U. S. <Trans. Am. Ent. Soc. IV, 1872, pp. 127-129.  
     Revision of the sp. of Lebia <Trans. Am. Ent. Soc. IV, 1872, pp. 130-142.  
     Desc. of some new No. Am. Col. <Trans. Am. Ent. Soc. IV, 1872, pp. 143-152.  
     List of Col. coll. C. Thomas in Col. N. Mex. <Rept. U. S. Geol. Surv. for 1870, pp. 469-470.  
     Coleoptera, Rec. Am. Ent. for 1871 <4th Ann. Rept. Peabody Ac. Sci., 1872, pp. 124-131.  
     Coleoptera (coll. by Hayden Surv.) <Rept. U. S. Geol. Surv. for 1871, 1872, pp. 382-392.  
 73. Revision of the Bruchidæ <Trans. Am. Ent. Soc. IV, 1873, pp. 311-342.  
     Revision of the sp. of sev. g. Meloidæ <Proc. Am. Philos. Soc. XIII, 1873, pp. 88-117.  
     Revision of the tribe Hydrobiini <Proc. Am. Philos. Soc. XIII, 1873, pp. 118-137.  
     Syn. of the Histeridæ <Proc. Am. Philos. Soc. XIII, 1873, pp. 273-360, pl.  
     Cont. to a kn. of the Curculionidæ <Proc. Am. Philos. Soc. XIII, 1873, pp. 407-469.  
     Coleoptera (fr. Yellowstone etc.) <Rept. U. S. Geol. Surv. for 1872, 1873, p. 717.



**Horn**

73. Coleoptera in Rept. N. Eng. Fisheries for 1871-1872, 1873, pp. 540-543.  
 Coleoptera Rec. Am. Ent. for 1872 <5th Ann. Rept. Peabody Ac. Sci., 1873, pp. 119-122.  
 Remarks in Crotch Check List, Salem, 1873, p. 128.
74. Revision of the sp. of *Trox* of U. S. <Trans. Am. Ent. Soc. V, 1874, pp. 1-12.  
 Foreign Trees att. by native ins. <Proc. Am. Philos. Soc. XIV, 1874, p. 10.  
 cf. Nature, July, 1874, X, p. 178, and Ent. Mo. Mag. Aug. 1874, XI, 1874, p. 69.  
 Desc. of new sp. of U. S. Col. <Trans. Am. Ent. Soc. V, 1874, pp. 20-43.  
 Obs. sur la classif. et nomencl. Col. <Petites nouv. entom. Oct. I, 1874, pp. 436-437.  
 Sur les dégâts causés par *Doryphora* <Ann. Ent. Soc. France ser. 5, IV, 1874, pp. 119-120 (Bull.).  
 Société Ent. Americaine <Ann. Ent. Soc. France ser. 5, IV, 1874, p. 143 (Bull.).  
*Pseudopsis sulcata* en Canada <Ann. Ent. Soc. France ser. 5, IV, 1874, p. 160 (Bull.).  
 Coleoptera Rec. Amer. Ent. for 1873 <6th Ann. Rept. Peabody Ac. Sci. 1874, pp. 91-99.
75. Notes on the sp. of *Rhipiphorus* <Trans. Am. Ent. Soc. V, 1875, pp. 121-125.  
 Syn. Notes and desc. of No. Am. Col. <Trans. Am. Ent. Soc. V, 1875, pp. 126-156.
76. Revision of U. S. sp. of *Ochodæus* etc. <Trans. Am. Ent. Soc. V, 1876, pp. 177-197.  
 Notes on the Col. of Guadalupe Is. <Trans. Am. Ent. Soc. V, 1876, pp. 198-201.  
 Syn. of Col. Fn. Bor. Am. Kirby <Can. Ent. VIII, 1876, 126-130; 150-151, 166-170; 190-193.  
 Desc. of n. sp. *Dacoderus* fr. St. Domingo <Trans. Am. Ent. Soc. V, 1876, p. 219.  
 Syn. of *Cymatodera* and *Trichodes* <Trans. Am. Ent. Soc. V, 1876, pp. 220-232, pl.  
 The sexual char. of N. A. *Cicindelidæ* <Trans. Am. Ent. Soc. V, 1876, pp. 232-240.  
 Notes on some Col. remains from cave <Trans. Am. Ent. Soc. V, 1876, pp. 241-245.  
 Syn. tables of some gen. of Col. <Trans. Am. Ent. Soc. V, 1876, pp. 246-252.  
 Revision of the sp. of *Chlænius* <Trans. Am. Ent. Soc. V, 1876, pp. 253-276.  
*Otiorhynchidæ* in *Rhynchophora* of Am. <Proc. Am. Philos. Soc. XV, 1876, pp. 13-112.
77. Syn. of the gen. and sp. *Tachyporini* <Trans. Am. Ent. Soc. VI, 1877, pp. 81-128, pl.  
 List of Col. coll. by Packard in Colo., Ut. <Rept. U. S. Geol. Surv. for 1875, 1877, pp. 811-815.
78. Notes on some sp. of *Hister* <Trans. Am. Ent. Soc. VII, 1878, pp. 1-2.  
 Revision of the sp. of *Acmaeodera* <Trans. Am. Ent. Soc. VII, 1878, pp. 2-27, pl. 1.  
 Desc. of larvæ *Cicindelidæ* etc. <Trans. Am. Ent. Soc. VII, 1878, pp. 28-40, pl. 2.  
 Notes on some gen. *Cerambycidæ* <Trans. Am. Ent. Soc. VII, 1878, pp. 41-50.  
 Cont. to the Coleopterology of U. S. II <Trans. Am. Ent. Soc. VII, 1878, pp. 51-60.  
 Revision of the sp. of *Bostrichidæ* <Proc. Am. Philos. Soc. XVII, 1878, pp. 540-555.  
 Syn. of the *Colydiidæ* of U. S. <Proc. Am. Philos. Soc. XVII, 1878, pp. 555-592.  
 Syn. of the *Mycetophagidæ*; etc. <Proc. Am. Philos. Soc. XVII, 1878, pp. 603-608; 620-621.  
 Syn. table of genera of *Elaphrini* <Bull. Brooklyn Ent. Soc. I, 1878, pp. 29-30.  
 Syn. table of *Loricera* <Bull. Brooklyn Ent. Soc. I, 1878, p. 29.  
 Syn. table of *Trachypachys* <Bull. Brooklyn Ent. Soc. I, 1878, p. 30.  
 Syn. table of *Opisthius* <Bull. Brooklyn Ent. Soc. I, 1878, p. 30.  
 Revision of the sp. of *Listrochelus* <Trans. Am. Ent. Soc. VII, 1878, pp. 137-148.  
 Synopsis of the *Quediini* of U. S. <Trans. Am. Ent. Soc. VII, 1878, pp. 149-167.  
 Synopsis of the *Cychrus* of Bor. Am. <Trans. Am. Ent. Soc. VII, 1878, pp. 168-185.
79. Synopsis of *Staphylinus* and allied gen. <Trans. Am. Ent. Soc. VII, 1879, pp. 185-200.  
*Nomarectus* <Bull. Brooklyn Ent. Soc. I, 1879, p. 79.  
 Mimicry <Trans. Am. Ent. Soc. VII, 1879, p. 2 (Proc.).  
 Lepidoptera fr. Costa Rica <Trans. Am. Ent. Soc. VII, 1879, p. 3 (Proc.).  
 Notes on some Coleoptera <Trans. Am. Ent. Soc. VII, 1879, pp. 11-12 (Proc.).  
 Table of *Adelocera* <Trans. Am. Ent. Soc. VII, 1879, pp. 14-15 (Proc.).  
 Synonymical Notes <Trans. Am. Ent. Soc. VII, 1879, pp. 15-16 (Proc.).  
 Synopsis of the *Monotomidæ* <Trans. Am. Ent. Soc. VII, 1879, pp. 257-267.  
 Revision of the *Nitidulidæ* <Trans. Am. Ent. Soc. VII, 1879, pp. 267-336, pl.  
 Notes on the *Mycteridæ* a. o. *Heteromera* <Trans. Am. Ent. Soc. VII, 1879, pp. 336-339.  
 Dimorphism <Trans. Am. Ent. Soc. VII, 1879, p. 30 (Proc.).  
 Characters of *Propalticus oculatus* <Trans. Am. Ent. Soc. VII, 1879, p. 31 (Proc.).  
 Deformity in *Cremastochilus saucius* <Trans. Am. Ent. Soc. VII, 1879, pp. 31-32 (Proc.).
80. Monogr. Revision *Cremastochilus* <Proc. Am. Philos. Soc. XVIII, 1880, pp. 382-397, pl.  
 Synopsis of *Euphorie* <Proc. Am. Philos. Soc. XVIII, 1880, pp. 397-408.  
 Notes on the sp. of *Asaphes* Bor. Am. <Trans. Am. Ent. Soc. VIII, 1880, pp. 69-75.



**Horn**

80. Rept. of the Entom. Section  
Synopsis of the Dasyllidæ  
Notes on some gen. Cerambycidæ  
Cont. to the Coleopterology, No. III  
Arrangement of boxes of insects  
The desc. larva of *Anophthalmus*  
Synopsis of the Silphidæ  
Note sur les Silphidæ des Etats-Unis  
Synonymy of Bland and Provancher sp.  
Note on Hemipeplus  
*Holciophorus-Dicælus-Diplochila*  
Coleoptera from Florida Keys  
Synonymical Notes  
*Cetonia vestita* Say  
*Cicindela magdalenæ*  
A review of the sp. of *Anisodactylus*  
Critical Notes on sp. *Selenophorus*
81. Table of Clivina  
The species of *Desmocerus*  
Revision of the sp. of *Polyphylla*  
Notes on Elateridæ, Cebionidæ, etc.  
On the genera of Carabidæ  
Synoptic table of tribe Chlæniini  
Synoptic tables of Coleoptera  
Desc. of new sp. No. Am. Col. (w. Leconte)
82. *Cymindis* Latr. *Apristus* Chd. etc.  
Synoptic tables of Coleoptera  
*Microcyptus* pro *Anacyptus* ||  
U. S. Coleop. desc. by European authors  
Revision of some gen. Buprestidæ  
Notes on some little known . . . Col.  
Synopsis of the tribe Lebiini  
*Cyllene pictus* and *C. robinæ*  
*Olisthopus*
83. Classification of Col. of No. Amer.  
Misc. Notes and Short Studies  
*Pseudomorpha*, Kirby  
Synoptic tables of Coleoptera  
*Pœcilobrium* pro *Callimus* ||  
Dissections of mouth parts of Col.  
Maxillæ of Gyrinidæ  
Felling caused by *Attagenus megatoma*  
John Lawrence Leconte  
Mém. of John L. Leconte, M.D.
84. Synoptic table of *Mallodon*  
Notes on the sp. of *Anomala*  
Synopsis of *Notoxus* and *Mecynotarsus*  
Synopsis of *Philonthi*  
Notes on *Chrysomela*  
Synonymical Notes  
Editorial Notes to Leconte's Short Stud. 2  
Sexual Characters in Collops, Meloe, etc.  
A Study of some gen. of Elateridæ  
Remarks reported on Nomenclature etc.
85. Independent publication, Packard's Geneal.  
Death of John L. Leconte  
*Platypsylla castoris*  
Notes on some Staphylinidæ  
A Study of the sp. of *Cryptobium*  
Studies among the Meloidæ  
Desc. of new N. Am. Scarabæidæ  
Cont. to the Coleopterology of U. S. no. 4  
Synonymical Notes, [Newman's Species]  
Desc. of some new Cerambycidæ
- <Proc. Ac. Nat. Sci. Phila., 1880, pp. 448-450.  
<Trans. Am. Ent. Soc. VIII, 1880, pp. 76-114, pl.  
<Trans. Am. Ent. Soc. VIII, 1880, pp. 115-138, pl.  
<Trans. Am. Ent. Soc. VIII, 1880, pp. 139-154, pl.  
<Trans. Am. Ent. Soc. VIII, 1880, pp. 3-5 (Proc.).  
<Trans. Am. Ent. Soc. VIII, 1880, p. 7 (Proc.).  
<Trans. Am. Ent. Soc. VIII, 1880, pp. 219-322, pl.  
<Ann. Soc. Ent. France, ser. 5, X, 1880, pp. 88-90, Bull.  
<Trans. Am. Ent. Soc. VIII, 1880, pp. 10-12 (Proc.).  
<Trans. Am. Ent. Soc. VIII, 1880, pp. 12-15 (Proc.).  
<Bull. Brooklyn Ent. Soc. III, 1880, pp. 50-52.  
<Trans. Ann. Ent. Soc. XIII, 1880, p. 17 (Proc.).  
<Trans. Am. Ent. Soc. XIII, 1880, p. 17 (Proc.).  
<Trans. Am. Ent. Soc. XIII, 1880, p. 19 (Proc.).  
<Trans. Am. Ent. Soc. XIII, 1880, pp. 19-20 (Proc.).  
<Proc. Am. Philos. Soc. XIX, 1880, pp. 162-178.  
<Proc. Am. Philos. Soc. XIX, 1880, pp. 178-183.  
<Trans. Am. Ent. Soc. IX, 1881, p. 7 (Proc.).  
<Trans. Am. Ent. Soc. IX, 1881, pp. 7-8.  
<Trans. Am. Ent. Soc. IX, 1881, pp. 73-76.  
<Trans. Am. Ent. Soc. IX, 1881, p. 76-90, pl.  
<Trans. Am. Ent. Soc. IX, 1881, pp. 91-196, pl.  
<Bull. Brooklyn Ent. Soc. IV, 1881, pp. 29-30.  
<Bull. Brooklyn Ent. Soc. IV, 1881, pp. 39-40.  
<Trans. Kan. Ac. Sci. VII, 1881, pp. 74-77.  
<Bull. Brooklyn Ent. Soc. IV, 1882, pp. 43-44.  
<Bull. Brooklyn Ent. Soc. IV, 1882, pp. 53-55.  
<Trans. Am. Ent. Soc. X, 1882, p. 1 (Proc.).  
<Trans. Am. Ent. Soc. X, 1882, pp. 3-5 (Proc.).  
<Trans. Am. Ent. Soc. X, 1882, pp. 101-112, pl.  
<Trans. Am. Ent. Soc. X, 1882, pp. 113-126, pl.  
<Trans. Am. Ent. Soc. X, 1882, pp. 126-164.  
<Can. Ent. XIV, 1882, p. 240.  
<Bull. Brooklyn Ent. Soc. V, 1882, p. 63.  
<Smithsonian Misc. Coll. XXVI, No. 507, 1883, (w. Leconte).  
<Trans. Am. Ent. Soc. X, 1883, pp. 269-312, pl.  
<Bull. Brooklyn Ent. Soc. VI, 1883, p. 16.  
<Bull. Brooklyn Ent. Soc. VI, 1883, pp. 51-53.  
<Trans. Am. Ent. Soc. X, 1883, p. 11 (Proc.).  
<Trans. Am. Ent. Soc. X, 1883, p. 13 (Proc.).  
<Trans. Am. Ent. Soc. X, 1883, p. 16 (Proc.).  
<Trans. Am. Ent. Soc. X, 1883, p. 17 (Proc.).  
<Science II, Dec. 21, 1883, pp. 784-786.  
<Proc. Am. Philos. Soc. XXI, 1883, pp. 294-299.  
<Bull. Brooklyn Ent. Soc. VII, 1884, p. 9.  
<Trans. Am. Ent. Soc. XI, 1884, pp. 157-164.  
<Trans. Am. Ent. Soc. XI, 1884, pp. 165-176.  
<Trans. Am. Ent. Soc. XI, 1884, pp. 177-244.  
<Can. Ent. XVI, 1884, pp. 127-129.  
<Can. Ent. XVI, 1884, pp. 147-148.  
<Trans. Am. Ent. Soc. XII, 1884, pp. 1, 3, 16, 24.  
<Bull. Brooklyn Ent. Soc. VII, 1884, p. 93 (Proc.).  
<Trans. Am. Ent. Soc. XII, 1884, pp. 33-52.  
<Bull. Brooklyn E. S. VII, 1884, pp. 86-93.  
<Trans. Am. Ent. Soc. XII, 1885, p. 30 (Proc.).  
<Trans. Am. Ent. Soc. XII, 1885, p. 30 (Proc.).  
<Trans. Am. Ent. Soc. XII, 1885, p. 35 (Proc.).  
<Bull. Brooklyn Ent. Soc. VII, 1885, pp. 121-122.  
<Trans. Am. Ent. Soc. XII, 1885, pp. 85-106, pl.  
<Trans. Am. Ent. Soc. XII, 1885, pp. 107-116, pl.  
<Trans. Am. Ent. Soc. XII, 1885, pp. 117-128, pl.  
<Trans. Am. Ent. Soc. XII, 1885, pp. 128-162.  
<Ent. Amer. I, 1885, pp. 5-9.  
<Trans. Am. Ent. Soc. XII, 1885, pp. 173-197.

**Horn**

85. Synopsis of the Throscidæ  
 A note on Scotocryptus  
 Synonymical Notes [Newman's Species]  
 A note on some Hydrophilidæ  
 Synonymical Notes [Beauvois' sp.]  
 Synonymical Notes [Casey's sp.]  
 Characters of Collapteryx  
 Notes on Romaleum etc.  
 Position of Hypocephalus
86. Concerning Cremastochilus  
 Dinapate wrightii and its larva  
 Monogr. of Eucneminae etc.  
 Monogr. of Chrysobothris  
 Review of sp. desc. by Olivier  
 On explosive emissions fr. Carabidæ  
 Mr. Charles Wilt  
 Notes on Biologia Centrali-Am.
- Notes fr. Museum at Cambridge
- Thos. Say; Dinapate; Geotrupes chalyb.
- Baron E. von Harold
87. Monogr. of Aphodiini  
 Some Critical Notes  
 Notes on Lachnosterna  
 Revision of Lachnosterna  
 Dinapate-Monilema  
 Pink Katydids
88. Review of the sp. of Pleocoma  
 Desc. of larvæ, Glyptus, etc.  
 Pleocoma, its systematic position  
 Misc. coleopterous studies  
 A Note on Chanopteris Boh.  
 Additional Notes  
 Supplementary Notes
89. Remarks on Pleocoma  
 Remarks on Platypsyllus  
 Col. Fauna of No. Amer.  
 Distribution of Hornia  
 Synopsis of Halticini  
 A reclamation  
 Notes on Heterocerus  
 Synonymical Notes [Germar's sp.]  
 Synonymical Notes  
 Onthophagus nuchicornis  
 Ins. passed from human body  
 Stridulating Coleoptera  
 Remarks on effects of habitual use
90. The sp. of Heterocerus  
 Notes on the sp. of Ochthebius  
 Notes on Col.  
 A reply to Dr. C. V. Riley, no imprint, 1890.  
 The "ultimate larva" of Platypsyllus  
 New species of Cychnus (merkeli)  
 Notes on Elateridæ  
 Synoptic table of Anthophilax  
 Breeding Habit of Cœnopœus  
 Notes on some Hydrobiini
- Revision of Sphæridiini
- Some Notes on Aræoschizus  
 [Central Am.] Throscidæ, Eucnemidæ
- The antennæ of Coleop.  
 Form of Ergates spiculatus
91. Trichodes ornatus  
 Monogr. of Cryptohypnus
- <Trans. Am. Ent. Soc. XII, 1885, pp. 198-208.  
 <Ent. Amer. I, 1885, pp. 51-52 and 79.  
 <Ent. Amer. I, 1885, p. 52.  
 <Can. Ent. XVII, 1885, pp. 137-139.  
 <Ent. Amer. I, 1885, pp. 88-90.  
 <Ent. Amer. I, 1885, pp. 108-113.  
 <Trans. Am. Ent. Soc. XII, 1885, p. 3 (Proc.).  
 <Ent. Amer. I, 1885, pp. 130-133.  
 <Trans. Am. Ent. Soc. XII, 1885, p. 19 (Proc.).  
 <Ent. Amer. I, 1886, pp. 187-188.  
 <Trans. Am. Ent. Soc. XIII, 1886, pp. 1-4, pl.  
 <Trans. Am. Ent. Soc. XIII, 1886, pp. 5-58.  
 <Trans. Am. Ent. Soc. XIII, 1886, pp. 65-124, pl.  
 <Trans. Am. Ent. Soc. XIII, 1886, pp. 135-144.  
 <Can. Ent. XVIII, 1886, p. 119.  
 <Trans. Am. Ent. Soc. XIII, 1886, p. 6 (Proc.).  
 <Trans. Am. Ent. Soc. XIII, 1886, pp. 7-11, (Proc.)  
 <Trans. Am. Ent. Soc. XIII, 1886, pp. 11-16, (Proc.).  
 <Trans. Am. Ent. Soc. XIII, 1886, pp. 19-20, (Proc.)  
 <Trans. Am. Ent. Soc. XIII, 1886, p. 23 (Proc.).  
 <Trans. Am. Ent. Soc. XIV, 1887, pp. 1-110.  
 <Ent. Amer. II, 1887, pp. 207-209.  
 <Ent. Amer. II, 1887, pp. 141-145.  
 <Trans. Am. Ent. Soc. XIV, 1887, pp. 209-296, pl.  
 <Trans. Am. Ent. Soc. XIV, 1887, p. 8, (Proc.).  
 <Trans. Am. Ent. Soc. XIV, 1887, p. 9, (Proc.).  
 <Trans. Am. Ent. Soc. XV, 1888, pp. 1-18, pl.  
 <Trans. Am. Ent. Soc. XV, 1888, pp. 18-26, pl.  
 <Ent. Amer. III, 1888, pp. 233-235.  
 <Trans. Am. Ent. Soc. XV, 1888, pp. 26-48.  
 <Ent. Amer. IV, 1888, p. 48.  
 <Trans. Am. Ent. Soc. XV, 1888, pp. 300-301.  
 <Trans. Am. Ent. Soc. XV, 1888, pp. 303-304.  
 <Proc. Ent. Soc. Wash. I, 1889, p. 144.  
 <Proc. Ent. Soc. Wash. I, 1889, p. 144.  
 <Proc. Ent. Soc. Wash. I, 1889, pp. 146-147.  
 <Proc. Ent. Soc. Wash. I, 1889, p. 147.  
 <Trans. Am. Ent. Soc. XVI, 1889, pp. 163-320, pl.  
 <Ent. Amer. V, 1889, p. 122.  
 <Ent. Amer. V, 1889, p. 142.  
 <Ent. Amer. V, 1889, pp. 198-199.  
 <Ent. Amer. V, 1889, p. 212.  
 <Trans. Am. Ent. Soc. XVI, 1889, p. 11, (Proc.).  
 <Trans. Am. Ent. Soc. XVI, 1889, p. 11, (Proc.).  
 <Trans. Am. Ent. Soc. XVI, 1889, p. 12 (Proc.).  
 <Proc. Am. Philos. Soc. XXVI, 1889, p. 529.  
 <Trans. Am. Ent. Soc. XVII, 1890, pp. 1-16, pl.  
 <Trans. Am. Ent. Soc. XVII, 1890, pp. 17-26, pl.  
 <Ent. News, I, 1890, pp. 9-10.  
 <Ent. Amer. VI, 1890, pp. 55-56.  
 <Ent. Amer. VI, 1890, pp. 71-72.  
 <Ent. News, I, 1890, pp. 53-55.  
 <Ent. Amer. VI, 1890, p. 98.  
 <Proc. Ent. Soc. Wash. I, 1890, p. 252.  
 <Trans. Am. Ent. Soc. XVII, 1890, pp. 237-278, pl.  
 <Trans. Am. Ent. Soc. XVII, 1890, pp. 279-314, pl.  
 <Trans. Am. Ent. Soc. XVII, 1890, pp. 339-343.  
 <Biologia C.-Am. Col. III, pt. 1, 1890, pp. 193-257, pl.  
 <Proc. Ac. Nat. Sci. Phila. 1890, p. 311.  
 <Ent. News, I, 1890, p. 161.  
 <Ent. News, II, 1891, pp. 6-8.  
 <Trans. Am. Ent. Soc. XVIII, 1891, pp. 1-31, pl.



**Horn**

91. New sp. and misc. notes  
The sp. of *Agrilus*  
Notes on *Calospasta*  
A good collection of *Agrilus*  
92. Studies in Chrysomelidæ  
Variations in color-markings  
Notes on *Anara*, s.g. *Triæna*  
A study of *Amara*, s.g. *Celia*  
*Carabus nemoralis* Müll.  
Random studies in N. Am. Col.  
*Dorcus parallelus* Say.  
The Eumolpini of Bor. Am.  
93. The Galerucini of Bor. Am.  
Misc. coleopterous studies  
*Amblychila cylindriciformis*  
94. A note on *Cryptohypnus*  
*Saprinus sulcatus*  
Synonymical Notes  
Note on *Platypsillus*  
*Cassida nebulosa*  
The Coleop. of Baja California  
Notes on our Cassididæ  
95. *Vesperoctenus flohri* Bates  
Studies in Coccinellidæ  
Synonymical Notes  
Col. of Baja Cal. Suppl. 1  
Synonymical Notes  
96. A visit to Cambridge  
Review [Cambridge Nat. Hist.]  
August Sallé  
[Julius Flohr]  
Col. of Baja Cal. Suppl. II  
*Oedemeridæ* of Bor. Am.  
Note on Buprestidæ  
Tables of Meloc and Cantharis  
**Horn, Dr. Walther**, b. Oct. 19, 1871.  
91. Monogr. d. pal. Cicindelen  
92. Desc. *Omus hornianus*  
96. Die Cicind. der Dohrn'schen Sammlung  
97. Drei neue Cicindelen  
98. Ten new sp. Cicindelidæ  
00. Über einige U. S. Cicindelen  
Zum Studium der Cicindelen  
02. Briefe eines reisend. Entom.  
03. Briefe eines reisend. Entom.  
(Also translated and published privately by W. Knaus.  
*Cicindelidæ* of Mexico  
04. Über die Cic. Sammlung von Paris etc.  
05. Syst. Index der Cicind.  
07. Neues über *Odontochila*, etc.  
Zur Kenntn. d. Gatt. *Cicindela*  
08. Note on *Cicindela venusta* || *lengi* n. m.  
*Cicindelinae*  
10. *Cicindelinae*  
Une forme nouv. d'*Omus*  
13. Diesjährige *Omus* Funde  
Nachtrag to *Omus* Funde  
15. *Cicindelinae*  
**Houghton, C. O.**, b. 1873.  
02. List of Adirondack Mt. Ins. (w. MacGillivray)  
05. List of Mt. Seward Coleop.  
08. Coleop. of St. Lawrence Co., N. Y.  
**Houlbert, Constant S.**  
94. Rapports naturels et phylogénie etc.  
**Howard, Leland O.**, b. June 11, 1857.  
83. Invertebrate fauna of S. C.  
<Trans. Am. Ent. Soc. XVIII, 1891, pp. 32-48.  
<Trans. Am. Ent. Soc. XVIII, 1891, pp. 277-336, pl.  
<Proc. Am. Philos. Soc. XXIX, 1891, pp. 99-102.  
<Insect Life, IV, 1891, p. 137.  
<Trans. Am. Ent. Soc. XIX, 1892, pp. 1-18.  
<Ent. News, III, 1892, pp. 25-28, pl.  
<Trans. Am. Ent. Soc. XIX, 1892, pp. 18-19.  
<Trans. Am. Ent. Soc. XIX, 1892, pp. 19-40.  
<Ent. News, III, 1892, pp. 60-61.  
<Trans. Am. Ent. Soc. XIX, 1892, pp. 40-48.  
<Ent. News, III, 1892, pp. 73-74, pl.  
<Trans. Am. Ent. Soc. XIX, 1892, pp. 195-234.  
<Trans. Am. Ent. Soc. XX, 1893, pp. 57-136, pl.  
<Trans. Am. Ent. Soc. XX, 1893, pp. 136-144.  
<Ent. News, IV, 1893, pp. 281-283.  
<Ent. News, V, 1894, pp. 6-7.  
<Ent. News, V, 1894, p. 14.  
<Ent. News, V, 1894, p. 41.  
<Ent. News, V, 1894, p. 141.  
<Ent. News, V, 1894, p. 146.  
<Proc. Cal. Ac. Sci., ser. 2, IV, 1894, pp. 302-449, pl.  
<Ent. News, V, 1894, p. 224.  
<Ent. News, VI, 1895, pp. 114-115.  
<Trans. Am. Ent. Soc. XXII, 1895, pp. 81-114, pl.  
<Ent. News, VI, 1895, p. 179.  
<Proc. Cal. Ac. Sci., ser. 2, V, 1895, pp. 225-259, pl.  
<Ent. News, VI, 1895, p. 326.  
<Ent. News, VII, 1896, pp. 49-50.  
<Ent. News, VII, 1896, pp. 53-54.  
<Ent. News, VII, 1896, p. 192.  
<Ent. News, VII, 1896, p. 203.  
<Proc. Cal. Ac. Sci. ser. 3, VI, 1896, pp. 367-381.  
<Proc. Cal. Ac. Sci. ser. 3, VI, 1896, pp. 382-421.  
<Ent. News, VII, 1896, p. 247.  
<Can. Ent. XXVIII, 1896, pp. 33-34.  
<D. E. Z. Beiheft., 1891, 199 pp., pl.  
<Deutsche Ent. Zeit., 1892, p. 91.  
<Stett. Ent. Zeit., 1896, p. 164.  
<Ent. Nach. XXIII, 1897, pp. 17-20.  
<Notes Leyden Mus. XX, 1898, pp. 101-108.  
<Ent. Nach. XXVI, 1900, pp. 116-119.  
<Ent. Nach. XXVI, 1900, pp. 214-218.  
<Deutsche Ent. Zeit., 1902, pp. 369-396.  
<Deutsche Ent. Zeit., 1903, pp. 177-198.  
<Journ. N. Y. Ent. Soc. XI, 1903, pp. 213-221.  
<Deutsche Ent. Zeit., 1904, pp. 81-99.  
<Deutsche Ent. Zeit., 1905, pp. 1-56.  
<Stett. Ent. Zeit., 1907, pp. 327-336.  
<Deutsche Ent. Zeit., 1907, pp. 20-25.  
<Deutsche Ent. Zeit., 1908, p. 738.  
<Genera Insectorum, fasc. 82A, 1908, pl.  
<Genera Insectorum, fasc. 82B 1910, pl.  
<Ann. Soc. Ent. Belg. LIV, 1910, pp. 293-295.  
<Ent. Mitt. II, 1913, pp. 346-351.  
<Ent. Mitt. II, 1913, p. 391.  
<Genera Insectorum, fasc. 82C, 1915, pl.  
<Ent. News, 1902, pp. 247-253.  
<Ent. News, 1905, pp. 50-51.  
<Ent. News, 1908, pp. 399-402.  
<Bull. d. Sci. Nat. IV, 1894, pp. 62-174.  
<Handbook of state of S. C. 1883, pp. 11-16.



**Howard**

89. Ann. Cat. of ins. coll. . . Albatross <Proc. U. S. Nat. Mus. XII, 1889, pp. 185-216.  
 95. A Col. Enemy of *Corydalis* <Proc. Ent. Soc. Wash. III, 1895, pp. 310-313.

**Hubbard, Henry G.**, b. May 6, 1850; d. Jan. 18, 1899.  
(Coleoptera Papers only)

74. Notes on habits *Magdalinus armicollis* <Psyche, I, 1874, pp. 5-6.  
 75. Desc. of larva of *Galerita janus* <Psyche, II, 1875, pp. 49-52.  
 77. Beetles that infest elm trees <Psyche, II, 1877, p. 40.  
 78. Desc. of larva of *Micromalthus debilis* <Proc. Am. Philos. Soc. XVII, 1878, pp. 666-668, pl.  
 80. Two days' coll. in Mammoth Cave <Amer. Entom. III, 1880, pp. 34-40, 79-84.  
 Cave Fauna in Jamaica <Amer. Entom. III, 1880, p. 30.  
 Desc. of a new *Anophthalmus* <Amer. Entom. III, 1880, p. 52.  
 Habits of *Psephenus lecontei* <Amer. Entom. III, 1880, p. 73.  
 Early life-hist. of *Chauliognathus penn.* <Amer. Entom. III, 1880, pp. 249-250.  
 84. Notes on the habits of *Hypotrachia* <Psyche, IV, 1884, p. 215.  
 Dwarfing Oaks by *Mallodon* <Proc. Ent. Soc. Wash. I, 1884, p. 13.  
*Anophthalmus* in Luray Cave, Virginia <Proc. Ent. Soc. Wash. I, 1884, p. 16.  
 85. Insects Affecting the Orange, Washington, 1885, pp. 1-229, 14 pl.  
 88. Breeding Habits of *Amphicerus* <Ent. Amer. IV, 1888, pp. 95-96.  
 91. Ins. Life in Hot Springs of Yellowstone <Can. Ent. XXIII, 1891, pp. 226-230  
 92. The Inhabitants of a Fungus <Can. Ent. XXIV, 1892, pp. 250-256.  
 The Life-History of *Xenos* <Can. Ent. XXIV, 1892, pp. 257-262.  
 Notes on the larva of *Amphizoa* <Insect Life, V, 1892, pp. 19-22.  
 Desc. of larva of *Amphizoa* <Proc. Ent. Soc. Wash. II, 1892, pp. 341-346.  
 93. The Florida Land Tortoise-Gopher <Science XXII, 1893, pp. 57-58.  
 94. Note on *Brathinus* <Proc. Ent. Soc. Wash. III, 1894, pp. 10-13.  
 The Ins. Guests of the Fla. Land Tortoise <Insect Life, VI, 1894, pp. 302-315.  
 95. Powder-post Beetles <Crescent City News, Apl. 5, 1895.  
 Ambrosia and Ambrosia Beetles <Proc. Ent. Soc. Wash. III, 1895, pp. 291-292.  
 96. Some Ins. that brave . . . Pitcher Plant <Proc. Ent. Soc. Wash. III, 1896, pp. 314-316.  
 Additional Notes on Ins. Guests Tortoise <Proc. Ent. Soc. Wash. III, 1896, pp. 299-303.  
 Ambrosia once more <Amer. Nat. XXX, 1896, pp. 493-495.  
 Ambrosia Beetles <Yearbook Dept. Agl. 1896, pp. 421-430.  
 97. The Ambrosia Beetles of the U. S. <Bull. 7, N. S. Div. Ent. 1897, pp. 9-30.  
 99. Letters from the Southwest, Dinapate <Ent. News, X, 1899, pp. 83-89.  
 Habits of *Phodaga alticeps* <Proc. Ent. Soc. Wash. IV, 1899, pp. 186-187.  
 On *Thalassa montezumæ* <Proc. Ent. Soc. Wash. IV, 1899, pp. 297-298.  
 Insect Fauna of the Giant Cactus of Ariz. <Psyche, VIII, 1899, Suppl.  
 01. Letters from the Southwest <Proc. Ent. Soc. Wash. IV, 1901, pp. 361-364.  
 Letters from the Southwest <Proc. Ent. Soc. Wash. IV, 1901, pp. 374-376.  
 Letters from the Southwest <Proc. Ent. Soc. Wash. IV, 1901, pp. 376-378.  
 Letters from the Southwest <Proc. Ent. Soc. Wash. IV, 1901, pp. 381-382.  
 Insect Life in Florida Caves <Proc. Ent. Soc. Wash. IV, 1901, pp. 394-396.

**Hubbard and Schwarz, E. A.**

78. The Coleoptera of Michigan, L. Sup. <Proc. Am. Philos. Soc. XVII, 1878, pp. 627-643.  
 The Coleoptera of Michigan, Lower penin. <Proc. Am. Philos. Soc. XVII, 1878, pp. 643-666.

**Hummel, Arvid D.**, d. Nov. 20, 1836.

29. Essais Entomologiques, St. Petersburg, Nos. 1-7, 1821-1829.  
 Tome I, Nos. I-VI, 1821-27.  
 No. 1. *Blatta germanica*.  
 No. 2. Sur les Ins de St. P. pendant l'été. 1822, pp. 1-30, 1822.  
 No. 3. Sur les Ins. de 1823, Monographia Pselaphilarum. Novæ Species, pp. 1-48, 1823.  
 No. 4. Ins de 1824. Novæ species, pp. 1-71, 1825.  
 No. 5. Réflexions. Insectes de 1825, pp. 1-51, 1826.  
 No. 6. Ins. de 1826, Novæ Species. Cat. Ins. quae. coll. B. Jäger, pp. 1-48, 1827.  
 Tome 2.  
 No. 1 (7). Dalman. Insectes de 1827 et 1828, etc., pp. 1-38, 1829.

**Hunter, W. D., and Pierce, W. D.**

12. Rept. on Mex. Cotton Boll Weevil <Bull. n. s. 114, Bur. Ent. U. S. D. A. 1912, 188 pp., 22 pl.

**Hyatt, Alpheus, and Arms, J. M.**

90. Insecta. Guides for Science Teaching VIII, Boston, 1890.

**Hyslop, J. A.**, b. July 7, 1884.

09. Brief Note on *Chalcodermus collaris* <Proc. Ent. Soc. Wash. XI, 1909, pp. 40.  
 12. Notes from Pacific Northwest <Proc. Ent. Soc. Wash. XIV, 1912, pp. 100-101.  
 14. Desc. of *Corymbites noxius* <Proc. Biol. Soc. Wash. XXVII, 1914, pp. 69-70.  
 15. Obs. on Life History of *Meracantha* <Psyche, XXII, 1915, pp. 44-48, pl.  
 Habits and Anatomy of *Horistonotus* <Proc. Ent. Soc. Wash. XVII, 1915, pp. 179-183, pl.  
 16. Prothetely in *Elat. g. Melanotus* <Psyche, XXIII, 1916, pp. 3-6, pl.

**Hyslop**

17. Phylogeny of Elateridæ based on Larval Characters  
 Perissarthron and Pyrophorus <Ann. Ent. Soc. Am. X, 1917, pp. 241-263.  
 Oistus <Proc. Ent. Soc. Wash. XIX, 1917, pp. 1-12.  
 <Proc. Ent. Soc. Wash. XIX, 1917, p. 126.

**Illiger, Johann Carl W.**, b. 1775; d. 1825.

98. Kugelann Verzeichniss der Käfer Preussens, etc., Halle, 1798.  
 02. Olivier Entomologie, translated with notes, Braunschweig, 1800-1802.  
 02-07. Magazin für Insectenkunde, I, 1802; II, 1803; III, 1804; IV, 1805; V, 1806; VI, 1807.  
 07. Monogr. d. Elateren (Pyrophorus) <Mag. Gesellsch. nat. Fr. I, 1807, pp. 141-151.

**Imhoff, Ludwig**, b. Oct. 22, 1801; d. Sept. 13, 1868.

56. Versuch einer Einführung in das Studium der Koleopteren, Basel, 1856, pl.

**Insect Life**, periodical bulletin, U. S. Dept. Agl.; Div. of Ent., vols. I-VII, with general index, 1888-1895.

Contains many biological notes by Coquillett, Hamilton, Hubbard, Riley, Schwarz, etc.

**Jacoby, Martin** (see also with Clavareau), b. Apl. 12, 1842; d. Dec. 24, 1907.

76. Desc. new gen. and sp. Phytophaga <Proc. Zool. Soc. London, 1876, pp. 807-820.  
 84. Beschreib. neuer Phytophagen <Stett. Ent. Zeit. XLV, 1884, pp. 126-128.  
 88. Phytophaga <Biologia C. Am. Col. VI, 1, Suppl. 1888, pp. 1-80.  
 Notes on Halticinae <Trans. Am. Ent. Soc. XIV, 1888, pp. 302-303.  
 91. Phytophaga <Biologia C. Am. Col. VI, 1, Suppl. 1891, pp. 233-312.  
 95. Desc. Oedionychis, Asphæra <Proc. Zool. Soc. London, 1895, pp.  
 97. Phytoph. Col. St. Vincent <Trans. Ent. Soc. London, 1897, pp. 249-280.  
 00. Desc. Eumolpidae <Trans. Ent. Soc. London, 1900, pp.  
 01. Desc. Disonycha <Ent. XXXIV, 1901, pp. 146-149.  
 03. Sagridæ <Genera Insectorum, fasc. 14, 1903, 12 pp. pl.

**Jacoby and Clavareau.**

04. Donacidae <Genera Insectorum, fasc. 21, 1904, 14 pp., pl.  
 Crioceridae <Genera Insectorum, fasc. 23, 1904, 40 pp., pl.  
 05. Megalopidae <Genera Insectorum, fasc. 33, 1905, 20 pp., pl.  
 06. Clytridae <Genera Insectorum, fasc. 49, 1906, 87 pp., pl.  
 Megascelinae <Genera Insectorum, fasc. 32, 1905, 6 pp., pl.

**Jaeger, B.**

54. The Life of No. Amer. Insects, Providence, 1854, pp. 1-204, 6 pl.  
 59. The Life of No. Amer. Insects, 2d ed. New York, 1859, pp. 1-319, pl.

**Jakowleff, B. E.**

01. Desc. Lucanidae <Horæ Soc. Ent. Ross. XXXIII, 1901.

**James, R. P.**

15. Chrysomelidae <J. Ent. Zool. VII, 1915, pp. 136-137.

**Jayne, Horace F., M.D.**, b. Mch. 17, 1859; d. July 8, 1913.

80. Desc. of Some Monstrosities in Col. <Trans. Am. Ent. Soc. VIII, 1880, pp. 155-162, pl.  
 82. Revision of the Dermestidae of U. S. <Proc. Am. Philos. Soc. XX, 1882, pp. 343-377, pl.

**Jeannel, R.**

14. Silphidae: subfam. Bathysciinae <Junk Col. Cat. pars 60, 1914, 62 pp.

**Jekel, Henry**, b. Sept. 21, 1816.

55. Insecta Saundersiana, Coleoptera, London, 1855, pt. 1.  
 60. Insecta Saundersiana, Colcoptera, London, 1860, pt. 2.  
 61. Tentamenta Entomologica <Journ. of Ent. I, 1861, pp. 263-274.  
 64. Class. Curc. <Ann. Soc. Ent. France, 1864.  
 65. Class. nat. des Geotrupes <Ann. Soc. Ent. France (4), V, 1865, pp. 513-618.  
 73. Col. Jekel, I, 1873.

**Johnson, Harry L.**

15. Coleop. of Meriden, Conn. <Ent. News, XXVI, 1915, pp. 307-319.

**Johnson, Roswell H.**, b. Oct. 9, 1877.

10. Determinate Evolution in . . . Lady-Beetles <Carnegie Inst. Publ. No. 122, 1910.

**Jones, Alfred W.**

84. Notes on habits Cicindelidae <Bull. Brooklyn E. S. VII, 1884, pp. 74-76.

**Jones, J. Matthew.**

70. Contribution to Nat. Hist. Nova Scotia, Halifax, 1870, 15 pp.

**Joutel, Louis H.**, b. Aug. 19, 1858; d. Sept. 6, 1916.

02. A new sp. Saperda <Ent. News, XIII, 1902, p. 33.  
 16. Phymatodes lengi <Journ. N. Y. Ent. Soc. XXIV, 1916, p. 242.  
 Complete bibliography by Wm. T. Davis <Journ. N. Y. Ent. Soc. XXIV, 1916, 239-243, pl.  
 See also Felt and Joutel.

**Jülich, William**, b. 1839; d. Nov. 8, 1893.

80. Insects from Infested Twigs <Bull. Brooklyn E. S. III, 1880, p. 40.  
 87. Cryptorhynchus lapathi <Ent. Amer. III, 1887, p. 123.  
 88. Phloeophagus spadix <Ent. Amer. IV, 1888, p. 35.  
 89. Two Beetles new to N. Am. fauna <Ent. Amer. V, 1889, p. 56.



- Kaup, Dr. J. J.**, b. Apl. 20, 1803; d. July 5, 1873.  
 69. Prodrömus zu einer Mon. d. Passaliden <Col. Hefte V, 1869, pp. 1-40.  
 71. Monographie der Passaliden <B. E. Z. XV, 1871, pp. 1-125, pl. 3-7.
- Keen, Rev. J. H.**  
 95. List of Col. coll. Queen Charlotte Is. B. C. <Can. Ent. XXVII, 1895, pp. 165-172; 217-220.  
 97. Three int. Staph. fr. Queen Charlotte Is. <Can. Ent. XXIX, 1897, pp. 285-287.  
 98. A new Cychninid <Can. Ent. XXX, 1898, pp. 199-200.
- Kellicott, David S.**  
 83. Psephenus lecontei, larva <Can. Ent. XV, 1883, pp. 191-198, pl.
- Kellogg, Vernon L.**, b. Dec., 1867.  
 05. American Insects, New York, 1905, 674 pp.
- Kemner, A.**, b. July 4, 1887.  
 14. Prothetely <Ent. Tidsk. XXV, 1914, pp. 87-95.
- Kerremans, Charles**, b. 1847; d. Oct. 10, 1915.  
 84. Enum. des Bup. décrits post. cat. G. & H. <Ann. Soc. Ent. Belg. XXXVIII, 1884, pp.  
 92. Cat. syn. Bup. décrits de 1758-1890 <Mem. Soc. Ent. Belg. 1892, pp.  
 93. Essai de groupement des Buprestides <Ann. Soc. Ent. Belg. XXXVII, 1893, pp.  
 94. Bup. coll. in tobacco <Ann. Soc. Ent. France, 1894.  
 96. Trachydes nouveaux <Ann. Soc. Ent. Belg. XL, 1896, pp. 306-333.  
 97. Bup. voy. Gounelle to Brazil <Mem. Soc. Ent. Belg. VI, 1897, pp.  
 99. Buprestides <Ann. Soc. Ent. Belg. XLIII, 1899, pp. 256-298.  
 Cont. a l'étude d. Bup. etc. <Ann. Soc. Ent. Belg. XLIII, 1899, pp. 329-367.  
 00. Bup. nouv. et Rem. syn. <Ann. Soc. Ent. Belg. XLIV, 1900, pp. 282-351.  
 02. Buprestidæ <Genera Insectorum, fasc. 12 a, b, c, d, 1902-1903, 338 pp., 4 pl.
06. Monographie des Buprestides, Tomes I-VII, Brussels, 1906-14, 3611 pp., 38 pl.  
 (Ends abruptly with page 320 of fasc. 9-10, published July 1914.)
- Kiesenwetter, Ernest A. H. von.**, b. Nov. 5, 1820; d. Mch. 18, 1880.  
 43. Beitr. zur Monogr. von Heterocerus <Germar Zeitschr. Ent. IV, 1843, pp. 194-224, pl.  
 44. Beitr. zur Monogr. von Heterocerus <Germar Zeitschr. Ent. V, 1844, pp. 480-482.  
 Die Staph-Fauna von Leipzig's Umgeg. <Stett. Ent. Zeit. V, 1844, 307-320; 340-356; 372-378.  
 45. Entom. Notizen <Stett. Ent. Zeit. VI, 1845, 147-149; 220-227.  
 48. Bericht über eine Ent. Exc. in Alpen <Stett. Ent. Zeit. IX, 1848, 210-221; 277-285; 314-329.  
 49. Monog. Revision des Gatt. Hydraena <Linnæa, IV, 1849, 156-190; 425-427.  
 51. Revision der käfergatt. Heterocerus <Linnæa, V, 1851, 281-300.  
 52. Beitr. zu einer Monogr. d. Malthinen <Linnæa, VI, 1852, 239-324.  
 63. Buprest. Elat. Cler. etc. <Naturg. Ins. Deutschl. IV, 1863.  
 68. Dytiscidæ and Gyr. (w. Schaum) <Naturg. Ins. Deutschl. I, 2, 1868.  
 74. Eubrianax <Berl. Ent. Zeitschr. XVIII, 1874.  
 77. Anobiidæ and Cioidæ <Naturg. Ins. D. V, 1, pp. 1-200.  
 (Nachträge und Berichtigungen by Seidlitz) <Naturg. Ins. D. V, 1, pp. 801-853.
- Kilman, Alvah H.**  
 89. Additions to List of Can. Col. <Can. Ent., 1889, XXI, pp. 108-110; 134-137; also 1894.
- Kincaid, Trevor.**  
 00. Metamorphoses of some Alaska Col. <Proc. Wash. Ac. Sci. II, 1900, pp. 367-388, 5 pl.
- King, Helen S.**  
 80. Life hist. of Pleotoma pallens <Psyche, III, 1880, pp. 51-53.
- King, Inez Naomi.**  
 14. Col. of Henry Co., Iowa <Proc. Iowa Acad. Sci. XXI, 1914, pp. 317-340.
- Kirby, William.** (The first work with W. Spence), b. 1759; d. July 4, 1850.  
 15. An Introduction to Entomology, London, I, 1815; ed. II, 1815; ed. III, 1818; ed. IV, 1822, pl.  
 An Introduction to Entomology, London, II, 1817; ed. II, 1818; ed. III, 1823, pl.  
 An Introduction to Entomology, III & IV, 1826; pl.  
 An Introduction to Entomology, I, II, II, IV, ed. IV, 1828, pl.  
 An Introduction to Entomology, I, II, III, IV, ed. V, 1838, pl.  
 An Introduction to Entomology, I, II, III, IV, ed. VI, 1843, in 2 vols., pl.  
 An Introduction to Entomology, I, II, III, IV, ed. VII, 1856 in 2 vols., pl.
18. A Century of Insects <Trans. Linn. Soc. Lond. XII, 1818, pp. 375-453, pl.  
 A Century of Insects, new ed., Paris, 1834.
25. A Desc. of such Genera and Species, etc. <Trans. Linn. Soc. Lond. XIV, 1825, pp. 563-572.  
 26. Desc. of two n. sp. Cremast. Priocera <Zool. Journ. II, 1826, pp. 516-518.  
 27. Desc. of some new gen. Petaloceros Col. <Zool. Journ. III, 1827, pp. 145-158.  
 30. The Characters of Clinidium <Zool. Journ. V, 1830, pp. 6-10.  
 37. The Insects in Richardson's Fauna Boreali-Americana, IV, London, 1837, 325 pp., 8 pl.  
 76. Insects of Northern parts of British America, compiled from the above, with notes by C. J. S. Bethune, and synonymical notes by G. H. Horn <Can. Ent. II-VIII, 1870-76.  
 Issued also separately, 156 + 13 pp.



- Kirsch, Th.**, b. Sept. 29, 1819; d. July 8, 1889.  
 66. Beitr. z. Käfer fauna von Bogota <Berl. Ent. Zeitschr. X, 1866, pp. 173-216.
- Klages, E. A.**  
 94. *Euphoria inda* var. *nigripennis* <Ent. News, V, 1894, p. 198.
- Klages, H. G.**  
 01. Suppl. to Hamilton's List of Pa. Col. <Ann. Carn. Mus. I, 1901, pp. 265-294.
- Kleine, R.**, b. July 4, 1874.  
 08. Die eur. Borkenk. u. i. Nahrungpfl. <Berl. Ent. Zeitschr. LIII, 1908, pp. 171-188, 213-232.  
 10. Die Lariiden u. Rhyn. u. i. Nahrungpfl. <Entom. Blätter, 1910, pp. 4-12.  
 13. Die geogr. verbr. des Ipiden orb. terr <Berl. Ent. Zeitschr. LVIII, 1913, pp. 113-176.
- Klug, Johann, C. F.**, b. May 5, 1775; d. Feb. 3, 1856.  
 24. Entomologische Monographien, Berlin, 1824.  
 29. Preisverzeichniss vor. Insecten-Doubletten d. K. Z. M., Berlin, 1829.  
 33. Bericht u. e. a. Madagascar u. S. v. Ins. <Abhandl. d. K. Akad. d. Wiss. z. Berlin, 1833, pp. 91-223.  
 34. Jahrbücher der Insectenkunde, etc., Berlin, 1834.  
 40. Versuch e. syst. Best... der Clerii <Abhandl. d. K. Akad. d. Wiss. z. Berlin, 1840, pp. 259-397.  
 43. Die Col. Gatt. *Athyreus* u. *Bolboceras* <Abhandl. d. K. Akad. d. Wiss. z. Berlin, 1843, pp. 21-57.
- Knab, Frederick**, b. Sept. 22, 1865; d. Nov. 2, 1918.  
 01. *Asaphes preoccupied* <Can. Ent. XII, 1901, p. 91.  
 05. *Galeruca pomonæ* <Ent. News, XVI, 1905, pp. 230-231.  
     The Spreading of *Sphæridium* <Ent. News, XVI, 1905, p. 53.  
     Obs. on *Lampyridæ* <Can. Ent. XXXVII, 1905, pp. 233-239.  
 06. A new sp. *Donacia* <Proc. Ent. Soc. Wash. VII, 1906, pp. 122-123.  
 07. Notes on *Leptinotarsa 11-lineata* <Journ. N. Y. Ent. Soc. XV, 1907, pp. 190-193.  
 09. Some sp. of *Calligrapha* <Proc. Ent. Soc. Wash. XI, 1909, pp. 83-87.  
     Nuptial Colors in *Chrysom.* <Proc. Ent. Soc. Wash. XI, 1909, pp. 151-153.  
 10. Review of Blatchley's Beetles of Ind. <Science, XXXII, 1910, pp. 838-840.  
 11. *Chrysomela staphylea* in N. Am. <Ent. News, XXII, 1911, pp. 306-309.  
     Remarks on *Melasoma lapponica* <Proc. Ent. Soc. Wash. XIII, 1911, pp. 10-11.  
     Buprestidæ <Proc. Ent. Soc. Wash. XIII, 1911, pp. 86-89.  
 13. Larvæ of *Cyphonidæ* in Bromeliads <Ent. Mo. Mag. (2), XXIV, 1913, pp. 54-55.  
 15. Dung bearing Weevil Larvæ <Proc. Ent. Soc. Wash. XVII, 1915, pp. 193-194.  
     Secretions... in cocoon making <Proc. Ent. Soc. Wash. XVII, 1915, pp. 154-158.  
     Short Notes <Ent. News, VII, 113; X, 146; XIV, 89; Can. Ent. XXXI, 310; Science, XXVII, 223-227.  
 — Complete bibliography by Mabel Colcord <Proc. Ent. Soc. Wash. XXI, 1919, pp. 43-52.  
 See also Dimmock and Knab.
- Knaus, Warren**, b. Feb. 24, 1858.  
 84. Add. to List of Kan. Col. <Trans. Kansas Ac. Sci. IX, 1884, pp. 57-61.  
 85. Are *Curculio* larvæ lignivorous <Bull. Brooklyn Ent. Soc. VII, 1885, pp. 150.  
 86. Add. to List of Kan. Col. <Trans. Kansas Ac. Sci. X, 1886, pp. 86-88.  
     Notes on *Hylesinus* and *Phloeosinus* <Ent. Amer. II, 1886, pp. 76-78.  
 93. Sand Dune Collecting <Ent. News, IV, 1893, pp. 293-295.  
 95. Obituary Chas. W. Strumberg <Can. Ent. XXVII, 1895, pp. 300.  
     A new coll. ground for *Cic. limbata* <Ent. News, VI, 1895, pp. 284-287.  
 97. *Lachnosterna* of Kansas <Ent. News, VIII, 1897, pp. 214-217.  
 99. Obituary T. B. Ashton <Ent. News, VII, 1896, p. 96.  
     Add. to List of Kansas Col. <Trans. Kan. Ac. Sci. XIV, 1896, pp. 18-20.  
     Collecting Notes on Kan. Col. <Can. Ent. XXXI, 1899, pp. 37-40.  
 00. Add. to List of Kansas Col. <Trans. Kan. Ac. Sci. XVII, 1900, pp. 109-114.  
     The *Cicindelidæ* of Kansas <Can. Ent. XXXII, 1900, pp. 109-116.  
 01. Collecting Notes on Kan. Col. II <Can. Ent. XXXIII, 1901, pp. 110-115.  
 02. Add. to List of Kansas Col. <Trans. Kan. Ac. Sci. XVIII, 1902, pp. 187-190.  
     Notes on coll. Col. in Wyoming and Utah <Ent. News, XIII, 1902, pp. 147-153.  
     Phengodes <Ent. News, XIII, 1902, pp. 114-115.  
 03. Col. of Sacramento Mts. in N. Mex. <Ent. News, XIV, 1903, pp. 172-179.  
 04. Col. of Sacramento Mts. in N. Mex. II <Ent. News, XV, 1904, pp. 152-156.  
     Add. to List of Kansas Col. <Trans. Kan. Ac. Sci. XIX, 1904, pp. 218-220.  
 05. Add. to List of Kansas Col. <Trans. Kan. Ac. Sci. XX, 1905, pp. 106-107.  
     Central Texas Col. <Can. Ent. XXXVII, 1905, pp. 348-352.  
 06. Add. to List of Kansas Col. <Trans. Kan. Ac. Sci. XX, 1906, pp. 233-234.  
     Add. to List of Kansas Col. <Trans. Kan. Ac. Sci. XXI, 1906, pp. 150-151.  
     Col. of Sacramento Mts. in N. Mex. III <Ent. News, XVII, 1906, pp. 329-332.  
     Collecting Notes on Col. <Can. Ent. XXXVIII, 1906, pp. 145-148.  
 07. Col. of N. Mex. <Trans. Kan. Ac. Sci. XXI, 1907, pp. 152-154.

**Knaus**

08. Add. to List of Kansas Col. Notes on Coleop. <Trans. Kan. Ac. Sci. XXII, 1908, pp. 351-354.  
 09. Gunning for Bugs Notes on Colcop. <Can. Ent. XL, 1908, pp. 91-92.  
 10. Col. of N. Mex. <Ent. News, XX, 1909, p. 364.  
 11. Col. of N. Mex. <Journ. N. Y. Ent. Soc. XVII, 1909, pp. 71-73.  
 15. Notes on Coleop. <Trans. Kan. Ac. Sci. XXIII, 1910, p. 108.  
 16. Notes on *Strategus mormon* <Trans. Kan. Ac. Sci. XXVI, 1911, pp. 89-93.  
 A Kansas var. of *Euphoria herbacea* <Bull. Brooklyn Ent. Soc. X, 1915, p. 82.  
 <Bull. Brooklyn Ent. Soc. X, 1915, pp. 35-40.  
 <Bull. Brooklyn Ent. Soc. XI 1916, pp. 79-83.  
 <Bull. Brooklyn Ent. Soc. XI, 1916, p. 84.

**Knobel, Edw.**

95. Beetles of New England: a popular guide, 1895, 45 pp.

**Knoch, August W.**, b. June 3, 1742; d. June 2, 1818.

01. Neue Beyträge zur Insektenkunde, Leipzig, 1801, pl.

**Knoll, Josef N.**

18. A new sp. *Eupogonius* from Penn. <Ent. News, XXIX, 1918, p. 132.

**Koch.**

03. Ent. Heft. II, 1803.

**Koebele, Albert.**

78. Cicindelidæ in Florida <Bull. Brooklyn E. S. I, 1878, p. 44.  
 90. Report of a Trip to Australia <Bull. No. 21, U. S. Dept. Agl. Div. Ent., 1890, pp. 1-32.

**Kolbe, H. J.**, b. June 2, 1855.

80. Natürliches System der carnivoren Col. <D. E. Z. XXIV, 1880, pp. 258-280.  
 86. On *Platypsyllus* <Berl. Ent. Zeitschr. XXX, 1886.  
 93. Einführung in die Kenntnis der Insekten, Berlin, 1893.  
 94. Stett. Ent. Zeitschr. LV, 1894.  
 01. Verg. morph. unters. an Kol. <Arch. f. Naturg. Beiheft, 1901, pp. 89-150.  
 06. On *Strategus* <Berl. Ent. Zeitschr., 1906, p. 14.  
 08. Mein System der Coleopteren <Zs. Wiss. Insektenbiol. Berlin, 1908, pp. 116 . . . 400.  
 11. Über die Phileurinen <Ann. Soc. Ent. Belg. LIV, 1911, pp. 330-354.

**Kolenati, Friedrich A.**, b. 1813, d. June, 1864.

46. Meletemata Entomologica, Petropoli, V, 1846.

**Kollar, Vincenz**, b. Jan. 15, 1797, d. May 28, 1860.

36. Species Ins. Coleopterorum novæ <Ann. d. Hofmus. Wien. II, 1836, pp. 327-336, pl.

**Kraatz, Gustav**, b. Mch. 13, 1831; d. Nov. 2, 1909.

56. *Cryptophagus validus* <Stett. Ent. Zeitschr. XVII, 1856, p. 240.  
 57. Über *Boreaphilus henningianus* <Berl. Ent. Zeitschr. I, 1857, pp. 35-44.  
*Atheta islandica* <Stett. Ent. Zeitschr. XVIII, 1857, p. 284.  
 Genera *Aleocharinorum* illustrata <Linnæa, XI, 1857, pp. 1-43, pl.  
 58. Staphylinidæ <Naturg. d. Ins. Deutschlands, Berlin, 1858.  
 59. Die Staph. Fauna von O. I. <Troschel Arch. Naturg. XXV, 1859, pp. 1-193, pl.  
 62. Staphylinidæ <Berl. Ent. Zeitsch. VI, 1862, p. 405.  
 63. Staphylinidæ <Berl. Ent. Zeitsch. VII, 1863.  
 74. Corrections to Hagen's Bibl. Ent. <Berl. Ent. Zeitsch. XVIII, 1874, pp. 209-226.  
 77. Staphylinidæ <Berl. Ent. Zeitsch. XXI, 1877, p. 105.  
 80. On *Carabus* <Deutsche Ent. Zeitsch., 1880.  
 83. Desc. of *Stephanucha pilipennis* <Berl. Ent. Zeitschr. XXVIII, 1883, p. 384.

**Kraatz, Walter C.**

18. *Scirtes tibialis*, life hist. <Ann. Ent. Soc. Amer. XI, 1918, pp. 393-402, pl.

**Kraus, E. J.**, b. Mch. 19, 1885.

08. New bicolored *Cioidæ* <Proc. Ent. Soc. Wash. X, 1908, pp. 74-81, pl.  
 11. Revision *Lyctidæ* <Tech. Ser. Bull. 20, pt. 3, Bur. Ent. 1911, pp. 111-138.  
 12. Revision of *Lasconotus* <Proc. Ent. Soc. Wash. XIV, 1912, pp. 25-44.

**Kugelann, Johann G.**, b. Jan. 2, 1753; d. Sept. 8, 1815.

92. Verz. d.i.e. Geg. Preussens . . . Käferarten <Schneider's Mag. I, 1792, pp. 252-256.  
 Verz. d.i.e. Geg. Preussens . . . Käferarten <Schneider's Mag., pp. 257-306.  
 Verz. d.i.e. Geg. Preussens . . . Käferarten <Schneider's Mag., pp. 477-512.  
 94. Verz. d.i.e. Geg. Preussens . . . Käferarten <Schneider's Mag., 1794, pp. 513-582.

**Kuhnt, P.**

09. *Erotylinæ* <Genera Insectorum, fasc. 88, 1909, 139 pp. pl.  
 10. Neue *Erotylidæ* <Deutsche Ent. Zeit., pp. 219-270.  
 11. *Erotylidæ* <Junk Col. Cat. pars 34, 1911.  
 12. Illus. Best. d. Käfer Deutschlands, 1911-1912.

**Kunze, Gustav**, b. Oct. 4, 1793; d. Apl. 3, 1851.

18. Beitr. z. Monogr. d. Rohrkäfer <Neue Schrift. n. Ges. Halle, 1818, pp. 1-56.  
*Zeugophora* <Neue Schrift. n. Ges. Halle, 1818, p. 71.







**Leach**

17. Classn. Insects <The Zoological Miscellany, London, III, 1817, pp. 151-?
25. On the stirpes and genera . . . Pselaphidæ <Vigors Zool. Journ. II, 1825, pp. 445-453.

**LeBaron, William**, b. Oct. 17, 1814; d. Oct. 14, 1876.

74. Outlines of Entomology etc., pt. 1, Coleoptera, Springfield, 1874, 199 pp. (5th Rept. State Ent. Ill.)

**LeConte, Dr. John L.**, b. May 13, 1825; d. Nov. 15, 1883.

44. Desc. n. sp. No. Amer. Col. <Proc. Ac. N. S. Phila. II, 1844, pp. 48-53.  
Desc. of new Col. Ins. in U. S. <Proc. Boston Soc. N. H. I, 1844, p. 201.
45. Desc. of some new and int. Ins. inh. U. S. <Bost. Journ. Nat. Hist. V, 1845, pp. 203-209, pl.
47. Fragmenta Entomologica <Journ. Ac. N. S. Phila. (2), I, 1847, pp. 71-93.
48. Monograph of the sp. of Pasimachus <Ann. Lyc. Nat. Hist. N. Y. IV, 1848, pp. 141-154, pl.  
On certain Col. indigenous to E. and W. Cont. <Ann. Lyc. Nat. Hist. N. Y. IV, 1848, pp. 159-163.  
A Desc. Cat. of Geodephagous Col. <Ann. Lyc. Nat. Hist. N. Y. IV, 1848, pp. 173-474, pl.
49. Syn. of Col. Ins. of the group Cleridæ <Ann. Lyc. Nat. Hist. N. Y. V, 1849, pp. 9-35.
50. General Remarks on Col. <Agassiz Lake Superior, Boston, 1850, IV, pp. 201-242.  
On the Pselaphidæ of U. S. <Bost. Journ. Nat. Hist. VI, 1850, pp. 64-110.  
An attempt to class. Longicorn Col. <Journ. Ac. N. S. Phila. (2), I, 1850, pp. 311-340.  
An attempt to class. Longicorn Col. <Journ. Ac. N. S. Phila. (2), II, 1850, pp. 5-38.
52. An attempt to class. Longicorn Col. <Journ. Ac. N. S. Phila. (2), II, 1852, pp. 99-112.  
An attempt to class. Longicorn Col. <Journ. Ac. N. S. Phila. (2), II, 1852, pp. 139-178.
51. Syn. of the sp. of Donacia <Proc. Ac. N. S. Phila. (2), V, 1851, pp. 310-316.  
Syn. of the Lampyrides of temp. No. Am. <Proc. Ac. N. S. Phila. (2), V, 1851, pp. 331-347.  
Desc. of new sp. of Col. fr. Cal. <Ann. Lyc. N. H. N. Y., V, 1851, pp. 125-216, pl.
52. Syn. of the sp. of Pterostichus and allied gen. <Journ. Ac. N. S. Phila. (2), II, 1852, pp. 225-256.  
On the geogr. dist. of animals in Cal. <Proc. Am. Ass. Adv. Sci. VI, II, 1852, pp. 248-254.  
Hints towards nat. class. Histerini <Proc. Ac. N. S. Phila. VI, 1852, pp. 36-41.  
Syn. of the Parnidæ of U. S. <Proc. Ac. N. S. Phila. VI, 1852, pp. 41-45.  
Syn. of the Eucnemides of temp. No. Am. <Proc. Ac. N. S. Phila. VI, 1852, pp. 45-49.  
Remarks on some Col. coll. by Woodhouse <Proc. Ac. N. S. Phila. VI, 1852, pp. 65-68.  
Syn. of the Anthicites of U. S. <Proc. Ac. N. S. Phila. VI, 1852, pp. 91-104.  
Remarks upon the Coccinellidæ of U. S. <Proc. Ac. N. S. Phila. VI, 1852, pp. 129-145.  
Syn. of the Scydmanidæ of U. S. <Proc. Ac. N. S. Phila. VI, 1852, pp. 149-157.  
Cat. of the Melyridæ of U. S. <Proc. Ac. N. S. Phila. VI, 1852, pp. 163-171.
53. Cat. of the desc. Col. of the U. S. by F. E. Melsheimer, revised by Haldeman & Leconte, 1853.  
Desc. of 20 new Col. <Proc. Ac. N. S. Phila. VI, 1853, pp. 226-335.  
Syn. of the Silphales of Amer. n. of Mex. <Proc. Ac. N. S. Phila. VI, 1853, pp. 274-287.  
Syn. of Histeroid gen. Abraeus <Proc. Ac. N. S. Phila. VI, 1853, pp. 287-292.  
Syn. of the Meloides of the U. S. <Proc. Ac. N. S. Phila. VI, 1853, pp. 328-350.  
Syn. of the Atopidæ, Rhipiceridæ etc of U. S. <Proc. Ac. N. S. Phila. VI, 1853, pp. 350-357.  
Syn. of the Endomychidæ of U. S. <Proc. Ac. N. S. Phila. VI, 1853, pp. 357-360.  
Desc. of some new Col. fr. Texas <Proc. Ac. N. S. Phila. VI, 1853, pp. 439-448.  
Notes on the class. of Carabidæ <Trans. Am. Philos. Soc. (2), X, 1853, pp. 363-403.  
Revision of the Elateridæ of U. S. <Trans. Am. Philos. Soc. (2), X, 1853, pp. 405-508.
54. Desc. of some new Col. fr. Oregon <Proc. Ac. N. S. Phila. VII, 1854, pp. 16-20.  
Syn. of the Oedemeridæ of U. S. <Proc. Ac. N. S. Phila. VII, 1854, pp. 20-22.  
Note on the genus Amblychila <Proc. Ac. N. S. Phila. VII, 1854, pp. 32-33, pl.  
Syn. of the sp. of Platynus etc. <Proc. Ac. N. S. Phila. VII, 1854, pp. 33-59.  
Syn. of the Cucujides of U. S. <Proc. Ac. N. S. Phila. VII, 1854, pp. 73-79.  
Notice of some Col. fr. Mex. Boundary <Proc. Ac. N. S. Phila. VII, 1854, pp. 79-85.  
Syn. of the Dermestidæ of U. S. <Proc. Ac. N. S. Phila. VII, 1854, pp. 106-113.  
Syn. of the Byrrhidæ of U. S. <Proc. Ac. N. S. Phila. VII, 1854, pp. 113-117.  
Syn. of the Erotylidæ of U. S. <Proc. Ac. N. S. Phila. VII, 1854, pp. 158-163.  
Desc. of sp. of Trox and Omorgus <Proc. Ac. N. S. Phila. VII, 1854, pp. 211-216.  
Some corrections in nomenclature <Proc. Ac. N. S. Phila. VII, 1854, pp. 216-220.  
Desc. of new Col. coll. by Thos. H. Webb <Proc. Ac. N. S. Phila. VII, 1854, pp. 220-225.
55. Syn. of the Pyrochroidæ of U. S. <Proc. Ac. N. S. Phila. VII, 1855, pp. 270-277.  
Analytical table of Hydroporus <Proc. Ac. N. S. Phila. VII, 1855, pp. 290-299.  
Syn. of the Lathridiides etc. <Proc. Ac. N. S. Phila. VII, 1855, pp. 299-305.  
Notes on the Amareæ of U. S. <Proc. Ac. N. S. Phila. VII, 1855, pp. 346-356.  
Syn. of the Hydrophilidæ <Proc. Ac. N. S. Phila. VII, 1855, pp. 356-375.

## Leconte

56. Syn. of the Melolonthidæ  
 Syn. of the Mycetophagidæ of U. S.  
 Syn. of the Phalacridæ of U. S.  
 Note on the gen. Lithodus  
 Notice of three gen. Scarabæidæ  
 Anal. table of sp. of Chlænius of U. S.  
 57. Revision of the Cicindelæ of U. S.  
 Cat. of the sp. of Bembidium of U. S.  
 Index to the Buprestidæ of U. S.  
 Syn. of the sp. Clivina and allied gen.  
 Ent. Rept. on route near 47th parallel  
 58. Cat. of Col. Boundary bet. Mex. and U. S.  
 Desc. of n. sp. Col. coll. by Boundary Com.  
 Note on the sp. Eleodes of U. S.  
 59. Cat. of Col. of Ft. Tejon, Cal.  
 Add. to Col. fauna No. Cal. and Oreg.  
 Revision of Buprestidæ  
 List of Col. of Kan. and N. Mex.  
 Desc. n. sp. Col. fam. Histeridæ  
 Instructions for coll. Col.  
 60. Desc. . . . Col. fr. so. boundary U. S.  
 Notes on Col. fr. Fort Simpson  
 Syn. of Scaphidiidæ of U. S.  
 61. Notes on Col. fauna L. Cal.  
 New Sp. Col. inh. Pacific district  
 Classification of Col. part I  
 62. Notes on Class. Cerambycidæ  
 Syn. of the Mordellidæ  
 Notes on the sp. Calosoma  
 Syn. of sp. of Colymbites  
 Notes on the sp. of Brachinus  
 63. List of the Col. of No. Amer. pt. 1  
 New Species of No. Amer. Col. pt. 1.  
 64. On Stylopidæ  
 65. Note on the sp. of Myodites  
 Note on the sp. of Harpalus  
 On the sp. of Galeruca and allied g.  
 Prodromus of Mon. of Anobiini  
 66. New Species of No. Am. Col. pt. 1, 2d ed.  
 List of Col. coll. in Lycoming Co. Pa.  
 List of Col. coll. n. Ft. Whipple, Ariz.  
 Revision of the Dasytini  
 Add. to Col. fauna of U. S. No. 1.  
 Remarks on Clavigeridæ  
 Synopsis of Prasocuris  
 68. Anal. table of sp. of Baridius  
 The Gyrinidæ of Amer. n. of Mex.  
 Notes on the sp. of Agonoderus etc.  
 New Col. fr. Surv. Kan. N. Mex.  
 Col. of U. S. Coast Surv. to Alaska  
 Syn. of Scolytidæ (Zimmerman ed. by L.)  
 69. Syn. Notes fr. Zimmermann Mss.  
 List of Col. coll. in Vancouver  
 70. Syn. Notes on No. Am. Col.  
 72. On Platypsyllidæ  
 73. The Pterostichi of the U. S.  
 Syn. Notes on Col. of N. Am.  
 New Species of N. Am. Col. pt. II  
 Classification of Coleop. pt. II  
 74. Cat. Col. Mt. Washington (w. Austin)  
 Notes on the sp. of Pasimachus  
 Desc. n. Col. fr. Pacific slope  
 <Journ. Ac. N. S. Phila. (2), III, 1856, pp. 225-288.  
 <Proc. Ac. N. S. Phila. VIII, 1856, pp. 12-15.  
 <Proc. Ac. N. S. Phila. VIII, 1856, pp. 15-17.  
 <Proc. Ac. N. S. Phila. VIII, 1856, pp. 18-19.  
 <Proc. Ac. N. S. Phila. VIII, 1856, pp. 19-25.  
 <Proc. Ac. N. S. Phila. VIII, 1856, pp. 25-29.  
 <Trans. Am. Philos. Soc. (2), XI, 1857, pp. 27-63.  
 <Proc. Ac. N. S. Phila. 1857, pp. 2-6.  
 <Proc. Ac. N. S. Phila. 1857, pp. 6-11.  
 <Proc. Ac. N. S. Phila. 1857, pp. 75-83.  
 <Rept. of Expl. and Surv. Miss. to Pac. XII, pt. 3, 1860; (separates erroneously marked IX).  
 <Journ. Ac. N. S. Phila. (2), IV, 1858, pp. 9-42, pl.  
 <Proc. Ac. N. S. Phila. 1858, pp. 59-89.  
 <Proc. Ac. N. S. Phila. 1858, pp. 180-188.  
 <Proc. Ac. N. S. Phila. 1859, pp. 69-90.  
 <Proc. Ac. N. S. Phila. 1859, pp. 281-292.  
 <Trans. Am. Philos. Soc. XI, 1859, pp. 187-256, pl.  
 <Smithson. Cont. Knowl. XI, 1859, pp. 1-58.  
 <Proc. Ac. N. S. Phila. 1859, pp. 310-317.  
 <Ann. Rept. Regents Sm. Inst. 1859, pp. 160-164.  
 <in Thomson Arcana Naturæ, III, 1860, pp. 121-128, pl.  
 <Proc. Ac. N. S. Phila. 1860, pp. 315-321.  
 <Proc. Ac. N. S. Phila. 1860, pp. 321-324.  
 <Proc. Ac. N. S. Phila. 1861, pp. 335-338.  
 <Proc. Ac. N. S. Phila. 1861, pp. 338-359.  
 <Smithson. Misc. Coll. III, 1861, pp. 1-286.  
 <Proc. Ac. N. S. Phila. 1862, pp. 38-43.  
 <Proc. Ac. N. S. Phila. 1862, pp. 43-51.  
 <Proc. Ac. N. S. Phila. 1862, pp. 52-53.  
 <Proc. Ac. N. S. Phila. 1862, pp. 521-523.  
 <Proc. Ac. N. S. Phila. 1862, pp. 523-525.  
 <Smiths. Misc. Coll. VI, no. 140, 1863, pp. 1-78.  
 <Smiths. Misc. Coll. VI, no. 167, 1863, p. 1-92.  
 <Proc. Ac. N. S. Phila. 1864, p. 49.  
 <Proc. Ac. N. S. Phila. 1865, pp. 96-98.  
 <Proc. Ac. N. S. Phila. 1865, pp. 98-104.  
 <Proc. Ac. N. S. Phila. 1865, pp. 204-222.  
 <Proc. Ac. N. S. Phila. 1865, pp. 222-244.  
 <Smiths. Misc. Coll. VI, no. 167, 2d ed. 1866, pp. 1-177.  
 <Proc. Ac. N. S. Phila. 1866, pp. 346-348.  
 <Proc. Ac. N. S. Phila. 1866, pp. 348-349.  
 <Proc. Ac. N. S. Phila. 1866, pp. 349-361.  
 <Proc. Ac. N. S. Phila. 1866, pp. 361-394.  
 <Proc. Ac. N. S. Phila. 1866, pp. 108-109.  
 <Practical Entom. II, 1866, p. 9.  
 <Proc. Ac. N. S. Phila. 1868, pp. 361-365.  
 <Proc. Ac. N. S. Phila. 1868, pp. 365-373.  
 <Proc. Ac. N. S. Phila. 1868, pp. 373-382.  
 <Trans. Am. Ent. Soc. II, 1868, pp. 49-59.  
 <Trans. Am. Ent. Soc. II, 1868, pp. 59-64.  
 <Trans. Am. Ent. Soc. II, 1868, pp. 141-178.  
 <Trans. Am. Ent. Soc. 1869, pp. 243-259.  
 <Ann. Mag. Nat. Hist. (4), IV, 1869, pp. 369-385.  
 <Ann. Mag. Nat. Hist. 1870, pp. 394-404.  
 <Proc. Zool. Soc. Lond. 1872, pp. 799-804, pl.  
 <Proc. Ac. N. S. Phila. 1873, pp. 302-320.  
 <Proc. Ac. N. S. Phila. 1873, pp. 321-336.  
 <Smiths. Misc. Coll. XI, no. 264, 1873, pp. 169-240.  
 <Smiths. Misc. Coll. XI, no. 265, 1873, pp. 279-348.  
 <Proc. Bost. Soc. N. H. XVI, 1874, pp. 265-276.  
 <Bull. Buffalo Soc. N. H. I, 1874, pp. 266-273.  
 <Trans. Am. Ent. Soc. V. 1874, pp. 43-72.



**Leconte**

74. Notes on the gen. *Pleocoma*  
On the Cupesidæ of No. Amer.  
Class. of Rhynchophorous Col.  
Class. of Rhynchophorous Col.  
On Nomenclature  
On Nomenclature  
On Nomenclature
75. Notes on Cicindelidæ  
Notes on Rhysodidæ  
Desc. of new Coleoptera  
Address as Pres. Am. Ass. Adv. Sci.
76. Rept. on n. sp. Col. w. of 100th Mer.  
Rhynchophora (w. Horn)  
On the Affinities of Hypocephalus
77. On c. gen. Staph. Oxytelini etc.  
Tabular Syn. of Rhynchophora of Am.
78. Col. of Florida (w. Schwarz)  
Col. of Michigan (w. Hubbard and Sz.)  
Desc. of n. sp. *Calosoma*  
Col. of Alpine Reg. Rocky Mts.
79. Col. of Alpine Reg. Rocky Mts. II  
New Coleoptera  
Syn. of N. Am. sp. *Platynus*
80. Short Studies of No. Amer. Col.  
Fungoid Diseases of Insects  
On Lightning Bugs
81. Syn. of Lampyridæ of U. S.  
New Coleoptera  
Desc. of n. sp. *Aphodius* (Reprint)  
Desc. of n. sp. Coleop. (w. Horn)
84. Short Studies of N. Am. Col. (cd. by Horn)  
Items from Dimmock's Special Bibliography, No. 1.
51. Zool. Notes
55. Remarks on "Cat. des larves des Col.
67. On the syst. value of rhyn. coleop.
68. Salt Water Insects
69. About Matthews' Mon. Trichopt.  
On Preservation of Cabinets  
Coleoptera
72. Parasite of the beaver
73. *Lathridius* in fungoid disease mouse  
Hints for promotion econ. ent.  
Friedrich Ernst Melsheimer, M.D.
74. Friedrich Ernst Melsheimer, M.D.
75. Replacement of inj. ins. human ag.  
Add. char. for def. rhyn. col.  
Methods of subduing ins. inj. agric.
76. Address as Pres. A. A. A. S.  
Destructive Col.  
Rept. on ins. intr. by Int. Exh. (w. Horn)
78. Stridulation of Col.  
Items from Schaupp's Bibliography
59. Amerik. Zeitschriften
60. Amerik. Zeitschriften
62. Amerik. Zeitschriften
78. An excellent trap for small Silphidæ  
Collecting at Capron Spgs. W. Va.  
Synoptic Tables prepared with his aid.
- Leconte**, as editor.
59. American Entomology, by Thomas Say, New York, 2 vols., 1859, pl.
- Leconte**, (cont'd). Items from Hamilton and Henshaw's List of Local Lists in *Psyche*.
77. List of Col.  
 <Rept. progr. Can. Geol. Surv. 1875-76, 1877, pp. 107-109.  
 <Rept. progr. Can. Geol. Surv. 1878-79, 1880, pp. 650-660.
- <Trans. Am. Ent. Soc. V, 1874, pp. 81-84.  
 <Trans. Am. Ent. Soc. V, 1874, pp. 87-88.  
 <Amer. Nat. VIII, 1874, pp. 385-396.  
 <Amer. Nat. VIII, 1874, pp. 452-470.  
 <Can. Ent. VI, 1874, pp. 186-196.  
 <Can. Ent. VI, 1874, pp. 201-206.  
 <Can. Ent. VI, 1874, pp. 223-226.  
 <Trans. Am. Ent. Soc. V, 1875, pp. 157-162.  
 <Trans. Am. Ent. Soc. V, 1875, pp. 162-168  
 <Trans. Am. Ent. Soc. V, 1875, pp. 169-176.  
 <Am. Nat. IX, 1875, pp. 481-498.  
 <Ann. Rept. Ch. Eng. App. JJ. 1876, pp. 516-520.  
 <Proc. Am. Philos. Soc. XV, 1876, pp. 1-455.  
 <Trans. Am. Ent. Soc. V, 1876, pp. 209-218.  
 <Trans. Am. Ent. Soc. VI, 1877, pp. 213-252.  
 <Proc. Am. Philos. Soc. XVI, 1877, pp. 417-425.  
 <Proc. Am. Philos. Soc. XVII, 1878, pp. 353-472.  
 <Proc. Am. Philos. Soc. XVII, 1878, pp. 593-699.  
 <Bull. Brooklyn Ent. Soc. I, 1878, p. 61.  
 <Bull. U. S. Geol. & Geog. Surv. IV, 1878, pp. 447-480.  
 <Bull. U. S. Geol. & Geog. Surv. V, 1879, pp. 499-520.  
 <North Amer. Ent. I, 1879, pp. 1-5, pl.  
 <Bull. Brooklyn Ent. Soc. II, 1879, pp. 43-58.  
 <Bull. Brooklyn Ent. Soc. II, 1879, p. 62.  
 <Trans. Am. Ent. Soc. VIII, 1880, pp. 163-218.  
 <Can. Ent. XII, 1880, pp. 126-128.  
 <Proc. A. A. A. S. XXIX, 1880, pp. 650-659.  
 <Trans. Am. Ent. Soc. IX, 1881, pp. 15-72.  
 <Bull. Buffalo Soc. N. H. IV, 1881, pp. 27-28, pl.  
 <Bull. Brooklyn Ent. Soc. IV, 1881, p. 25.  
 <Trans. Kansas Ac. Sci. VII, 1881, pp. 74-77.  
 <Trans. Am. Ent. Soc. XIII, 1884, pp. 1-32.  
 <Proc. Ac. Nat. Sci. Phila. V, 1851, pp. 316-320.  
 <Proc. Ac. Nat. Sci. Phila. VII, 1855, pp. 288-289.  
 <Am. Journ. Sci. and Art. XLIV, 1867, pp. 41-43.  
 <Am. Nat. II, 1868, pp. 329-330.  
 <Am. Nat. III, 1869, pp. 213-214.  
 <Am. Nat. III, 1869, pp. 307-309.  
 <Rec. Am. Ent. for 1868, ed. by A. S. Packard, Salem, 1869, pp. 25-32.  
 <Nature, VI, 1872, p. 162.  
 <Proc. Ac. Nat. Sci. Phila, 1873, p. 261.  
 <Am. Nat. VII, 1873, pp. 710-722.  
 <Proc. Ac. Nat. Sci. Phila. 1873, pp. 257-258.  
 <Can. Ent. VI, 1874, pp. 39-40.  
 <Proc. A. A. A. S. XXIII, 1875, p. 44.  
 <Am. Nat. IX, 1875, pp. 112-113.  
 <Can. Ent. VII, 1875, pp. 169-172.  
 <Can. Ent. VIII, 1876, pp. 176-178.  
 <Proc. Ac. N. S. Phila. 1876, p. 195.  
 <Proc. Ac. N. S. Phila. 1876, pp. 267-291.  
 <Psyche, II, 1878, p. 126.  
 <Bull. Br. E. S. 1883.  
 <Berliner Ent. Zeitschr. III, 1859, pp. 40-41.  
 <Berliner Ent. Zeitschr. IV, 1860, pp. 16-20.  
 <Berliner Ent. Zeitschr. VI, 1862, pp. 16-20.  
 <Bull. Brooklyn Ent. Soc. I, 1878, p. 11.  
 <Bull. Brooklyn Ent. Soc. I, 1878, p. 39.



**Leconte**

81. List of Col. coll. in 1880, H. B. T. <Rept. progr. Can. Geol. Surv. 1878-80, 1881, pp. 700-740.  
 83. List of Col. coll. in 1881, L. Sup. etc. <Rept. progr. Can. Geol. Surv. 1880-82, 1883, pp. 290-390.

**Leconte, (cont'd).** Items from Taschenberg.

80. Col. parasites of common hickory <Amer. Ent. III, 1880, pp. 236-237.  
 64. Remarques synonymiques etc. <Ann. Soc. Ent. Fr. (4), IV, 1864, pp. 37-38, Bull.

**Leconte and Horn, Dr. George H.**

83. Classification of Col. of No. Amer. Wash- <Smiths. Misc. Coll. XXVI, no. 507, 1883, pp. 1-567.  
 ington, 1883

**Leconte, John E.**, b. Feb. 22, 1784; d. Nov. 29, 1860.

24. Desc. of some n. sp. No. Am. Ins. <Ann. Lyc. Nat. Hist. N. Y. I, 1824, pp. 169-173, pl.  
 44. Presentation of following paper <Proc. Bost. Soc. N. H. I, 1844, pp. 185-187.  
 45. Monograph of N. A. Histeroides <Bost. Journ. N. H. V, 1845, pp. 32-86, pl.  
 59. Desc. n. sp. Histeridæ <Proc. Ac. N. S. Phila. 1859, pp. 310-317.

**Lefèvre, Ed.**, b. 1839; d. June 17, 1894.

75. Descriptions <Rev. Mag. Zool. (3), III, 1875.  
 77. Desc. des Eumolpides <Ann. Soc. Ent. Fr. (5), VII, 1877, pp. 115-166.  
 78. Voyage de M. E. Steinheil, Eumolpides <Mitt. Münch. Ent. Ver. II, 1878, pp. 112-133.  
 84. Syn. Notes on Eumolpides <Ann. Soc. Ent. France (6), IV, 1884, pp. 45, 75.  
 85. Eumolpidarum . . . Catalogus <Mem. Soc. Liege, (2), XI, pt. I, 1885, pp. 1-172.  
 <Ann. Soc. Ent. Belg. XXVIII, 1884.  
 84. Desc. de quatre gen. d. Eumolpides <Comptes-Rendus, Soc. Ent. Belg. XXVIII, 1884, pp. 193-206.

**Letzner, K.**, b. June 13, 1812; d. Dec. 15, 1889.

53. Beit. zur verwandlungs-gesch. einiger Käfer, Breslau, 1853, 219 pp., pl.

**Leng, Charles W.**, b. Apl. 6, 1859.

84. Cicindlidæ of Staten Id. <Proc. Staten Id. Assn. Jan. 12, 1884.  
 Coccinellidæ of Staten Id. <Proc. Staten Id. Assn. Mch. 8, 1884.  
 Omophron on Staten Id. <Proc. Staten Id. Assn. June 14, 1884.  
 Elaphrus on Staten Id. <Proc. Staten Id. Assn. June 14, 1884.  
 Clivina on Staten Id. <Proc. Staten Id. Assn. June 14, 1884.  
 Carabidæ of Staten Id. <Proc. Staten Id. Assn. Dec. 13, 1884.  
 Collecting Notes in N. C. and S. I. <Bull. Brooklyn E. S. VII, 1884, pp. 76-77.  
 Syn. of Cerambycidæ, Ergates, etc. <Bull. Brooklyn Ent. Soc. VII, 1884, pp. 7-11.  
 Syn. of Cerambycidæ, Prionus, etc. <Bull. Brooklyn Ent. Soc. VII, 1884, pp. 57-64, pl.  
 Syn. of Cerambycidæ, Tetropium, etc. <Bull. Brooklyn Ent. Soc. VII, 1884, pp. 95-101.  
 Syn. of Cerambycidæ, Callidium, etc. <Bull. Brooklyn Ent. Soc. VII, 1884, pp. 112-119.  
 85. Syn. of Cerambycidæ, Gnaphalodes, etc. <Ent. Amer. I, 1885, pp. 28-35, pl.  
 Syn. of Cerambycidæ, Romaleum, etc. <Ent. Amer. I, 1885, pp. 130-136, pl.  
 Hypocephalus armatus <Ent. Amer. I, 1885, pp. 189-193.  
 Note on Water Beetles <Ent. Amer. I, 1885, p. 39.  
 Note on Monilema <Ent. Amer. I, 1885, p. 136.  
 86. Syn. of Cerambycidæ, Obriini, etc. <Ent. Amer. II, 1886, pp. 27-32.  
 Syn. of Cerambycidæ, Callichromini, etc. <Ent. Amer. II, 1886, pp. 60-63, pl.  
 Syn. of Cerambycidæ, Tragidion, etc. <Ent. Amer. II, 1886, pp. 81-83.  
 Syn. of Cerambycidæ, Batyle, etc. <Ent. Amer. II, 1886, pp. 102-103.  
 Syn. of Cerambycidæ, Schizax, etc. <Ent. Amer. II, 1886, pp. 118-120.  
 87. Syn. of Cerambycidæ, Ischnocnemis, etc. <Ent. Amer. II, 1887, pp. 193-200.  
 Syn. of Cerambycidæ, Neoclytus, etc. <Ent. Amer. III, 1887, pp. 4-8.  
 Syn. of Cerambycidæ, Microclytus, etc. <Ent. Amer. III, 1887, pp. 23-24.  
 Syn. of Cerambycidæ, Euderces, etc. <Ent. Amer. III, 1887, p. 44.  
 Note on Geotrupes, etc. <Ent. Amer. III, 1887, p. 212.  
 88. Water Beetles of Staten Id. <Proc. Staten Id. Assn. Apl. 14, 1888.  
 Prel. List of Staten Id. Beetles <Proc. Staten Id. Assn. June, 1888.  
 89. Hydrophilus of Staten Id. <Proc. Staten Id. Assn. Jan., 1889.  
 Buprestidæ of Staten Id. <Proc. Staten Id. Assn. Feb., 1889.  
 Carabidæ of Staten Id. pt. II <Proc. Staten Id. Assn. Sept., 1889.  
 Carabidæ of Staten Id. pt. III <Proc. Staten Id. Assn. Dec., 1889.  
 90. Staten Island Fireflies <Proc. Staten Id. Assn. May, 1890.  
 Additions and Coccinellidæ S. I. <Proc. Staten Id. Assn. Sept., 1890.  
 Syn. of Cerambycidæ, Agallius, etc. <Ent. Amer. VI, 1890, pp. 9-13.  
 Syn. of Cerambycidæ, Rhagium, etc. <Ent. Amer. VI, 1890, pp. 65-69.  
 Syn. of Cerambycidæ, Pachyta, etc. <Ent. Amer. VI, 1890, pp. 97-103.  
 Syn. of Cerambycidæ, Acmaeops, etc. <Ent. Amer. VI, 1890, pp. 104-110.  
 Syn. of Cerambycidæ, Gaurotes, etc. <Ent. Amer. VI, 1890, pp. 156-160.  
 Syn. of Cerambycidæ, Leptura <Ent. Amer. VI, 1890, pp. 185-200.  
 Syn. of Cerambycidæ, Euryptera, etc. <Ent. Amer. VI, 1890, pp. 213-214.  
 91. Revision of the Donaciæ of Bor. Am. <Trans. Am. Ent. Soc. XVIII, 1891, pp. 159-176.  
 Donacia of Staten Island <Proc. Staten Id. Assn. Mch., 1891.

## Leng

93. List of Col. N. E. Am. (w. Beutenmuller) <Journ. N. Y. Ent. Soc. I, 1893, pp. 91-96.  
List of Col. N. E. Am. (w. Beutenmuller) <Journ. N. Y. Ent. Soc. II, 1893, pp. 134-146;  
185-194.
94. Prel. Handbook N. E. Am. (w. Beutenmuller) <Journ. N. Y. Ent. Soc. II, 1894, pp. 87-96, pl.,  
42-48, 133-141, pl., 175-190, pl., 73-76.  
Note on *Psephenus lecontei* <Journ. N. Y. Ent. Soc. II, 1894, p. 86.  
*Bryaxis abdominalis* <Am. Nat. 1894, pp. 546-548.  
*Bryaxis* of Staten Island <Proc. Staten Id. Assn. Apl., 1894.
96. Lamiinae of No. Am. (w. Hamilton) <Trans. Am. Ent. Soc. XXIII, 1896, pp. 101-178.
02. Revision of Cicindelidae of Bor. Am. <Trans. Am. Ent. Soc. XXVIII, 1902, pp. 93-  
186, pl.  
Notes on Cicindelidae of La. <Journ. N. Y. Ent. Soc. X, 1902, pp. 131-136.  
Notes on Cicindelidae of Pine Barrens of N. J. <Journ. N. Y. Ent. Soc. X, 1902, pp. 236-240.
03. Notes on Coccinellidae <Journ. N. Y. Ent. Soc. XI, 1903, pp. 35-45, pl.  
Notes on Coccinellidae II <Journ. N. Y. Ent. Soc. XI, 1903, pp. 193-211, pl.
06. Collecting in Pine Woods of N. C. <Journ. N. Y. Ent. Soc. XIV, 1906, p. 56.  
Collecting on Whiteface Mt., N. Y. <Journ. N. Y. Ent. Soc. XIV, 1906, p. 55.  
Midday flight of ins. on Mts. <Journ. N. Y. Ent. Soc. XIV, 1906, p. 235.
08. Notes on Coccinellidae III <Journ. N. Y. Ent. Soc. XVI, 1908, pp. 33-44, pl.
09. A new *Clerus* <Journ. N. Y. Ent. Soc. XVII, 1909, pp. 103-104.  
The sp. of *Diplotaxis* . . . Staten Id. <Proc. Staten Id. A. A. & S. II, 1909, pp. 198-200.
10. Notes on Col. coll. in No. Georgia <Journ. N. Y. Ent. Soc. XVIII, 1910, pp. 71-82.  
Obituary of J. L. Zabriskie <Journ. N. Y. Ent. Soc. XVIII, 1910, p. 127.
11. Notes on Col. coll. in No. Georgia II <Journ. N. Y. Ent. Soc. XIX, 1911, pp. 209-216.  
Annual Address of Pres. <Journ. N. Y. Ent. Soc. XIX, 1911, pp. 1-6.  
Notes on Coccinellidae, IV <Journ. N. Y. Ent. Soc. XIX, 1911, pp. 6-10.  
A new sp. of *Dineutes* <Journ. N. Y. Ent. Soc. XIX, 1911, pp. 11  
Salt Meadow Beetles <Proc. Staten Id. A. A. & S. III, 1911, pp. 153-155.  
Blatchley's Beetles of Indiana <Journ. N. Y. Ent. Soc. XIX, 1911, pp. 126-127.  
A new sp. of *Luperodes* <Journ. N. Y. Ent. Soc. XIX, 1911, pp. 193-194.  
John B. Smith as a Coleopterist <Proc. Staten Id. A. A. & S. IV, 1911, pp. 25-27.  
The sp. of *Brachyacantha* of N. & S. Am. <Bull. Am. Mus. N. H. XXX, 1911, pp. 279-333,  
pl.  
Riparial Beetles at light <Journ. N. Y. Ent. Soc. XIX, 1911, p. 203.  
Deltometopus in beech stump <Journ. N. Y. Ent. Soc. XIX, 1911, p. 261.
12. Geog. Dist. of Cicindelidae <Journ. N. Y. Ent. Soc. XX, 1912, pp. 1-17.  
Ins. on a recently felled tree (w. Davis) <Journ. N. Y. Ent. Soc. XX, 1912, pp. 119-121.  
*Exochomus scapularis* in Ariz. <Journ. N. Y. Ent. Soc. XX, 1912, p. 68.  
*Soronia decumana* in Ala. <Journ. N. Y. Ent. Soc. XX, 1912, p. 134.  
Coccinellidae of Jamaica <Journ. N. Y. Ent. Soc. XX, 1912, p. 208.  
Col. from 58° N. Lat. <Journ. N. Y. Ent. Soc. XX, 1912, p. 206.  
Larva of *Brachys* in oak leaf <Journ. N. Y. Ent. Soc. XX, 1912, p. 193.  
Florida Beetles <Journ. N. Y. Ent. Soc. XX, 1912, pp. 298, 304.
13. Aquatic Col. <Journ. N. Y. Ent. Soc. XXI, 1913, pp. 32-42.  
Col. of Dry Terres. Environm. <Journ. N. Y. Ent. Soc. XXI, 1913, p. 85.  
Col. of Moist Terres. Environm. <Journ. N. Y. Ent. Soc. XXI, 1913, p. 80.  
Newfoundland Col. <Journ. N. Y. Ent. Soc. XXI, 1913, p. 173.  
Beetles of Carrion and Excrem. <Journ. N. Y. Ent. Soc. XXI, 1913, p. 168.  
Beetles of Mesophytic Envir. <Journ. N. Y. Ent. Soc. XXI, 1913, p. 163.  
*Dytiscus* flying in January <Journ. N. Y. Ent. Soc. XXI, 1913, p. 160.  
Notes on *Phanaeus torrens* <Journ. N. Y. Ent. Soc. XXI, 1913, p. 157.  
*Ceratomegilla* = *Megilla* <Journ. N. Y. Ent. Soc. XXI, 1913, p. 282.  
Coleop. on plants <Journ. N. Y. Ent. Soc. XXI, 1913, pp. 277-279.  
Visit to Cuba <Journ. N. Y. Ent. Soc. XXI, 1913, p. 317.  
*Cicindela blanda* <Journ. N. Y. Ent. Soc. XXI, 1913, p. 312.  
*Ceutorhynchus* on *Cakile* <Journ. N. Y. Ent. Soc. XXI, 1913, p. 312.  
*Ochthebius* in Florida <Journ. N. Y. Ent. Soc. XXI, 1913, p. 312.  
*Lophoglossus* in wet places <Journ. N. Y. Ent. Soc. XXI, 1913, p. 311.  
*Chlaenius leucoscelis* <Journ. N. Y. Ent. Soc. XXI, 1913, p. 311.
14. Notes on the sp. of *Scaphinotus* <Journ. N. Y. Ent. Soc. XXII, 1914, pp. 139-144.  
Prel. List of Col. of West Indies (w. Mutchler) <Bull. Am. Mus. N. H. XXXIII, 1914, pp. 391-  
493.  
Recollections of Charles Fuchs <Bull. Brooklyn Ent. Soc. IX, 1914, pp. 73-76.  
A new sp. of *Arthromacra*, etc. <Journ. N. Y. Ent. Soc. XXII, 1914, pp. 285-296.  
*Omus* <Journ. N. Y. Ent. Soc. XXII, 1914, p. 79.  
West Indian Col. <Journ. N. Y. Ent. Soc. XXII, 1914, p. 180.  
Changes in Family Names <Journ. N. Y. Ent. Soc. XXII, 1914, p. 181.  
Col. found w. Lepid. borers <Journ. N. Y. Ent. Soc. XXII, 1914, p. 172.  
Boreal genera in Cuba <Journ. N. Y. Ent. Soc. XXII, 1914, p. 269.



**Leng**

14. Nut and Acorn Weevils  
Collecting at Huguenot Beach  
*Balaninus quercus* Horn  
15. A new g. and sp. of Lampyridæ (w. Shoe-maker)  
List of Carabidæ of Florida  
Nut and Acorn Weevils  
Visit to Ithaca  
Local Sp. of Dermestes  
*Coccinella*, *Trichodes*, etc.  
16. Notes on Alleculidæ  
Notes on Cychrini  
List of Families of Col.  
Desc. Cat. West Ind. Cic. (w. Mutchler)  
Florida Carabidæ  
Snout Beetles on Holly Bloom  
Omophron Distribution  
17. Suppl. to Prel. List. Col. W. I. (w. Mutchler)  
Syn. of the sp. of *Arthromacra*  
*Syncalypta spinosa* in No. Amer.  
A new var. of *Scaphinotus*  
Obituary of Charles Palm  
Some Beetles of a Staten Id. Garden  
Location of Ft. Tejon  
*Cardiola obscura* on Staten Id.  
Similarity of Coloration  
18. Desc. of a n. sp. of *Piezocorynus*  
*Microclytus* — A Correction  
Genitalia of *Rhynchophora*  
Insects of Florida — Water B. (w. Mutchler)  
Cicindelidæ of Chile  
*Gonotropis* on dead hemlock  
History of N. Y. Entom. Soc.  
A new race of *Cicindela*, etc.  
Notes on s. changes in List of Col.  
See also Harris and Leng — Blatchley and Leng.

**Lesne, Pierre.**

95. Desc. Bostrichidæ  
96. Monogr. Bostrichidæ Mem. I  
97. Desc. Bostrichidæ  
Monogr. Bostrichidæ Mem. II  
98. Monogr. Bostrichidæ Mem. III  
99. Desc. Bostrichidæ  
00. Monogr. Bostrichidæ Mem. IV  
01. Desc. Bostrichidæ  
06. Monogr. Bostrichidæ Mem. V  
07. Desc. Bostrichidæ (*Scobicia arizonica*)  
09. Monogr. Bostrichidæ Mem. VI

**Léveillé A.**

88. Temnochilidæ  
89. On *Ostomodes* and *Eronyxa*  
00. Catalogus Temnochilidum  
01. Temnochilidæ  
10. Temnochilidæ

**Lewis, George.**

79. Desc. of some new Histeridæ  
85. Desc. of some new Histeridæ  
Desc. of some new Histeridæ  
87. Desc. of some new Histeridæ  
88. Desc. of some new Histeridæ  
89. On a new sp. of *Teretriosoma* (also on Hamilton's List, pp. 432-433)  
Desc. Histeridæ  
92. Desc. Histeridæ  
93. Desc. Histeridæ

- <Journ. N. Y. Ent. Soc. XXII, 1914, p. 338.  
<Journ. N. Y. Ent. Soc. XXII, 1914, p. 337.  
<Journ. N. Y. Ent. Soc. XXII, 1914, p. 332.  
<Journ. N. Y. Ent. Soc. XXIII, 1915, pp. 55-56, pl.  
<Bull. Am. Mus. N. H. XXXIV, 1915, pp. 555-601.  
<Proc. Staten Id. A. A. & S. V, 1915, pp. 75-84.  
<Journ. N. Y. Ent. Soc. XXIII, 1915, p. 76.  
<Journ. N. Y. Ent. Soc. XXIII, 1915, p. 197.  
<Journ. N. Y. Ent. Soc. XXIII, 1915, p. 254.  
<Journ. N. Y. Ent. Soc. XXIV, 1916, pp. 142-143.  
<Journ. N. Y. Ent. Soc. XXIV, 1916, pp. 39-42.  
<Bull. Brooklyn Ent. Soc. XI, 1916, pp. 1-5.  
<Bull. Am. Mus. N. H. XXXV, 1916, pp. 681-699, pl.  
<Journ. N. Y. Ent. Soc. XXIV, 1916, p. 92.  
<Journ. N. Y. Ent. Soc. XXIV, 1916, p. 92.  
<Journ. N. Y. Ent. Soc. XXIV, 1916, p. 168.  
<Bull. Am. Mus. N. H. XXXVII, 1917, pp. 191-220.  
<Bull. Brooklyn Ent. Soc. XII, 1917, pp. 16-19.  
<Journ. N. Y. Ent. Soc. XXV, 1917, pp. 128-129.  
<Journ. N. Y. Ent. Soc. XXV, 1917, pp. 34-36.  
<Journ. N. Y. Ent. Soc. XXV, 1917, p. 237.  
<Proc. Staten Id. A. A. & S. VI, 1917, pp. 204-209.  
<Journ. N. Y. Ent. Soc. XXV, 1917, p. 145.  
<Journ. N. Y. Ent. Soc. XXV, 1917, p. 80.  
<Journ. N. Y. Ent. Soc. XXV, 1917, p. 90.  
<Journ. N. Y. Ent. Soc. XXVI, 1918, pp. 11-12.  
<Journ. N. Y. Ent. Soc. XXVI, 1918, pp. 8-10.  
<Ent. News, XXIX, 1918, p. 150.  
<Bull. Am. Mus. N. H. XXXVIII, 1918, pp. 73-116.  
<Journ. N. Y. Ent. Soc. XXVI, 1918, p. 110.  
<Journ. N. Y. Ent. Soc. XXVI, 1918, p. 115.  
<Journ. N. Y. Ent. Soc. XXVI, 1918, pp. 129-134.  
<Journ. N. Y. Ent. Soc. XXVI, 1918, pp. 138-141.  
<Journ. N. Y. Ent. Soc. XXVI, 1918, pp. 201-211.  
<Ann. Soc. Ent. France, 1895, pp. 169-178.  
<Ann. Soc. Ent. France, 1896, pp. 95-121.  
<Bull. Soc. Ent. France, 1897, p. 146.  
<Ann. Soc. Ent. France, 1897, pp. 319-350.  
<Ann. Soc. Ent. France, 1898, pp. 438-621.  
<Ann. Soc. Ent. France, 1899, pp. 18-22.  
<Ann. Soc. Ent. France, 1900, pp. 473-639.  
<Ann. Soc. Ent. France, 1901, pp.  
<Ann. Soc. Ent. France, 1906, pp. 445-561.  
<Bull. Mus. Paris, 1907, pp. 244-245.  
<Ann. Soc. Ent. France, 1909, pp. 471-594.  
<Ann. Soc. Ent. France, (6), VIII, 1888.  
<Bull. Soc. Ent. France, 1889, p. XLV.  
<Ann. Soc. Ent. Fr. 1900, pp. 1-26.  
<Bull. Soc. Ent. France, 1901.  
<Junk Col. Cat. pars II, 1910.  
<Ent. Mo. Mag. XVI, 1879, pp. 60-63.  
<Ann. Mag. Nat. Hist. (5), XV, 1885, p. 458.  
<Ann. Mag. Nat. Hist. (5), XVI, 1885, p. 206.  
<Ann. Mag. Nat. Hist. (5), XX, 1887.  
<Biol. C.-Am. 1888, II, pt. I, pp. 182-243.  
<Ent. Mo. Mag. XXV, 1889, p. 397 and 432.  
<Ann. Mag. Nat. Hist. (6), III, 1889, p. 287.  
<Ann. Mag. Nat. Hist. (6), IX, 1892, p. 343.  
<Ann. Mag. Nat. Hist. (6), XI, 1893, p. 428.



**Lewis**

97. Desc. Histeridæ <Ann. Mag. Nat. Hist. (7), I, 1897, pp. 356, 364.  
 98. Desc. Histeridæ <Ann. Mag. Nat. Hist. (7), II, 1898, pp. 156, 181.  
 99. On new sp. of Histeridæ and Notices of others <Ann. Mag. Nat. Hist. (7), IV, 1899, pp. 1-29.  
 00. Desc. Histeridæ <Ann. Mag. Nat. Hist. (7), V, 1900, pp. 224-234.  
     Desc. Histeridæ <Ann. Mag. Nat. Hist. (7), V, 1900, pp. 246-254.  
 01. Desc. Histeridæ <Ann. Mag. Nat. Hist. (7), VI, 1901, pp. 265-290.  
     Desc. Histeridæ <Ann. Mag. Nat. Hist. (7), VIII, 1901, pp. 366-383.  
 02. Desc. Histeridæ <Ann. Mag. Nat. Hist. (7), X, 1902, pp. 223-273.  
     Desc. Histeridæ <Ann. Mag. Nat. Hist. (7), X, 1902, p. 519.  
 03. On new sp. Histeridæ and Notices of others <Ann. Mag. Nat. Hist. (7), XII, 1903, pp. 417-429.  
 04. On new sp. Histeridæ and Notices of others <Ann. Mag. Nat. Hist. (7), XIV, 1904, pp. 137-157, pl.  
 05. Syst. Cat. Histeridæ, London, 1905, pp. 81.  
     Desc. Histeridæ <Ann. Mag. Nat. Hist. (7), XV, 1905, p. 302.  
     Desc. Histeridæ <Ann. Mag. Nat. Hist. (7), XVI, 1905, p. 342.  
 06. Desc. Histeridæ <Ann. Mag. Nat. Hist. (7), XVIII, 1906, p. 403.  
 07. Desc. Histeridæ <Ann. Mag. Nat. Hist. (7), XIX, 1907, p. 316.  
     Desc. Histeridæ <Ann. Mag. Nat. Hist. (7), XX, 1907, p. 96.  
 08. Desc. Histeridæ <Ann. Mag. Nat. Hist. (8), II, 1908, pp. 137-160.  
 09. Desc. Histeridæ <Ann. Mag. Nat. Hist. (8), IV, 1909, pp. 291-304.  
 10. Desc. Histeridæ <Ann. Mag. Nat. Hist. (8), VI, 1910, pp. 43-58.  
 11. Desc. Histeridæ <Ann. Mag. Nat. Hist. (8), VIII, 1911, pp. 73-89.  
 13. Desc. Histeridæ <Ann. Mag. Nat. Hist. (8), XII, 1913, pp. 81-87.  
 14. Desc. Histeridæ <Ann. Mag. Nat. Hist. (8), XIV, 1914, pp. 283-289.

**Lichtenstein, Anton A. N.**, d. 1816.

96. Cat. mus. zool. dit. Hamburgi, etc., Hamburg, 1796, III, Insecta.

**Liebeck, Charles.**

87. Dicaelus feeding upon snails <Proc. Ent. Soc. Wash. I, 1887, p. 84.  
 88. Collecting Notes <Ent. Am. IV, 1888, p. 74.  
 89. Collecting Notes <Ent. Am. V, 1889, p.  
 99. Cychrus guyoti vs. C. andrewsi, var. <Ent. News, X, 1899, pp. 191-192, pl.  
     Cremastochilus leucostictus Burm. <Ent. News, X, 1899, p. 243.

**Liljeblad, Emil.**

17. New Sp. Col. of gen. Mordellistena <Can. Ent. XLIX, 1917, pp. 9-13.  
 18. Desc. of 8 n. sp. fam. Mordellidæ <Can. Ent. L, 1918, pp. 153-158.

**Lindeman.**

76. Monographie der Borkenk. Russlands <Bull. Mosc. L, II, 1876, pp. 148-169, etc.

**Linell, Martin L.**, b. June 24, 1849; d. May 3, 1897.

87. Notes on some Col. <Ent. Amer. III, 1887, p. 175.  
 88. Note on Dytiscus <Ent. Amer. III, 1888, p. 27.  
 89. The habits of Goes and Oncideres <Ent. Amer. V, 1889, pp. 39-40.  
 90. Megapenthes limbalis ♂, granulosus ♀ <Proc. Ent. Soc. Wash. II, 1890, p. 37.  
 93. Death Valley Coleop. <Death Valley Exp. pt. II, Washington, 1893, pp. 239-243.  
 96. New sp. N. Am. Col. fam. Scarabæidæ <Proc. U. S. Nat. Mus. XVIII, 1896, pp. 721-731.  
     Desc. n. sp. Cerambyc. and Scarab. <Proc. U. S. Nat. Mus. XIX, 1896, pp. 393-401.  
     A short review of the Chrysomelas <Journ. N. Y. Ent. Soc. IV, 1896, pp. 196-200.  
 97. New gen. and sp. N. Am. Curculionidæ <Journ. N. Y. Ent. Soc. V, 1897, p. 49.  
     New sp. and rev. of Chlamydini <Proc. U. S. Nat. Mus. XX, 1897, pp. 473-485.  
     A new nearly blind g. Tenebrionidæ <Ent. News, VIII, 1897, pp. 154-156.  
 98. A new sp. Aegialites <Can. Ent. XXX, 1898, pp. 74-75.  
 99. Desc. new sp. Heteromercous Col. <Proc. Ent. Soc. Wash. IV, 1899, pp. 180-185.

**Linné, Carl von**, b. May 24, 1707; d. Jan. 10, 1778.

58. Systema Naturæ, ed. 10, Holmiæ, I, 1758; II, 1759.  
 61. Fauna Suecica etc., Stockholm, 1761, second edition. (First edition, 1746.)  
 63. De Meloe vesicatorio <Amoen. Acad. VI, 1763, pp. 132-147.  
 64. Museum S. R. M. Ludovicæ Ulricæ etc., Holmiæ, 1764.  
 66. Systema Naturæ, ed. 12, Holmiæ, I, 1766-67; II, 1767; III, 1768.  
 71. Mantissa, p. a. g. 1771.  
 88. Systema Naturæ, ed. 13, Lipsiæ I, 1788, ed. by Gmelin.

**Ljungh, Sven I.**

99. Nya Insecter etc. <Kgl. Vetensk. Acad. Nya Handl. XX, 1799, pp. 145-149.  
 04. Stenus monograpice descriptus <Weber & Mohn. Arch. I, 1804, pp. 59-69.  
 05. Stenus monograpice descriptus <Weber & Mohn. Arch. II, 1805, pp. 155-160.

**Lohde, R.**, b. 1880; d. Jan. 6, 1902.

00. Cleridarum Catalogus <Stett. Ent. Zeit. 1900, pp. 3-148.

- Lovell, John H.**  
 15. The Origin of Anthophily among Col. <Psyche, XXII, 1915, pp. 67-84.  
 A prel. list of Anthophilous Col. N. Eng. <Psyche, XXII, 1915, pp. 109-117.
- Lubbock, Sir John**, b. Apl. 30, 1834; d. May 28, 1913.  
 68. On the Larva of Micropeplus <Trans. Ent. Soc. London, 1868, pp. 275-277, pl.
- Lucas, Dr. Robert.**  
 18. Catalogus alphabeticus generum et sub- <Arch. f. Naturgeschichte, LXXXIV, 1918, Abt.  
 generum Coleopterorum orbis terrarum A, heft 1-5, pp. xxxi + 696.  
 totius  
 (Actually issued in 1920 with some families omitted.)
- Lugger, Otto**, b. Sept. 16, 1844; d. May 21, 1901.  
 84. List of Col. vic. of Baltimore <Johns Hopkins Univ. circ. III, 1884, pp. 78-79.  
 86. Life habits of Mesites and Platypus <Proc. Ent. Soc. Wash. I, 1886, pp. 35-36.  
 Aphodius erraticus <Proc. Ent. Soc. Wash. I, 1886, p. 49.  
 Fauna of Bahama Is. <Proc. Ent. Soc. Wash. I, 1886, p. 57.  
 99. Coleoptera of Minnesota <Bull. 66, 5th Rpt. State Ent. Minn. 250 pp. 6 pl.
- Lund, E. J.**  
 11. Photogenic organs with esp. ref. to Lam- <J. Exp. Zool. XI, 1911, pp. 415-467, 3 pl.  
 pyridæ
- Lundbeck, Will.**  
 95. Coleoptera Groenlandica <Meddelelser om Grönland, XIV, 1895, p. 196.
- Lutz, Frank E.**, b. Sept. 15, 1879.  
 11. Anthrenus fasciatus in Ga. <Journ. N. Y. Ent. Soc. XIX, 1911, p. 200.  
 18. Field Book of Insects, New York, 1918, 509 pp., 800 illustrations.
- Luze, G.**  
 06. Rev. pal. art. Staph.-Gen. Xylodromus etc. <Verh. zool. bot. Ges. Wien, LVI, 1906, p. 485-602.
- McClenahan, Ethel M.**  
 04. Develop. of rostrum in Rhync. Col. <Psyche, XI, 1904, pp. 89-102, pl.
- McDermott, F. A.**  
 10. Light emission of Amer. Lampyridæ <Can. Ent. XLII, 1910, pp. 359-363.  
 11. "Eye-Spots" of *Alaus oculatus* <Can. Ent. XLIII, 1911, pp. 190-192.  
 Photogenic function in Photinini <Can. Ent. XLIII, 1911, pp. 399-406.  
 12. Corrections of former papers <Can. Ent. XLIV, 1912, p. 73.  
 Light emission of Amer. Lampyridæ IV <Can. Ent. XLIV, 1912, pp. 309-311.  
 Photinus castus Lec. <Can. Ent. XLIV, 1912, p. 312.
- McDermott, F. A. and Crane, C. G.**  
 11. . . . Photogenic organs of certain Amer. <Amer. Nat. XLV, 1911, pp. 306-313.  
 Lampyridæ.
- McIndoo, Norman E.**  
 15. Olfactory sense of Col. <Biol. Bull. XXVIII, 1915, pp. 407-460, 2 pl.  
 16. Reflex "Bleeding" of *Epilachna borealis* <Ann. Ent. Soc. Amer. IX, 1916, pp. 201-223.  
 18. Olfactory organs of larva of *Allorhina nitida* <J. Morphol. XXXI, 1918, pp. 113-131.
- MacGillivray, Alex. D.**  
 03. Aquatic Chrysomelidæ, with tables of <Bull. 68, N. Y. State Museum, 1903, pp. 288-331, pl. 20-31.  
 families of Col. larvæ
- MacLeay, William S.**, b. 1792; d. 1865.  
 19. *Horæ entomologiæ*, London, 1819-21.  
 25. *Annulosa Javanica*, London, 1825.  
 On the structure of the tarsus <Trans. Linn. Soc. London, XV, 1825, pp. 63-73.
- Maerkel, Johann C. F.**, b. Nov. 27, 1790; d. Mch. 15, 1860.  
 40. *Triarthron maerkelii* <Stett. Ent. Zeit. 1840, p. 141.  
 41. Beitr. z. k. d. u. Ameisen leb. ins. <Germ. Zeit. Ent. III, 1841, pp. 203-225.  
 45. Beitr. z. k. d. u. Ameisen leb. ins. <Germ. Zeit. Ent. V, 1845, pp. 194-271.  
 51. In Duval's *Bembidiis Europæis* <Ann. Soc. Ent. France, 1851, pp. 441-576.
- Mäklin, Friedrich W.**, b. 1821.  
 52. See Mannerheim *Zweiter Nachtrag* <Bull. Moscou, XXV, 1852, pt. II.  
 53. See Mannerheim *Dritter Nachtrag* <Bull. Moscou, XXVI, 1853, pt. III.  
 57. *Bidrag till Kaennedom etc.* <Transl. in Stett. Ent. Zeit. XVIII, 1857, pp. 171-192; 321-348.
64. *Monogr. Strongylium*  
 67. Descriptions <Act. Soc. Fenn. VIII, 1867,  
 75. Descriptions <Act. Soc. Fenn. X, 1875,  
 78. Descriptions <Ofv. Finska Vet. Soc. Förh. XX, 1878.  
 80. Descriptions <Ofv. Finska Vet. Soc. Förh. XX, 1880.
- Manee, Abram H.**  
 08. Some obs. at Southern Pines, N. C. <Ent. News, XIX, 1908, pp. 286-289.  
 Some obs. at Southern Pines, N. C. <Ent. News, XIX, 1908, pp. 459-462.  
 13. Obs. on Buprestidæ <Ent. News, XXIV, 1913, pp. 167-171.  
 15. Three n. sp. from N. C. <Ent. News, XXVI, 1915, pp. 175-176.  
 Price List of Col. of Southern Pines, N. C. 6 pp.



- Mann, B. Pickman**, b. Apl. 30, 1848.  
 75. Luminous Larvæ of Elateridæ  
**Mann, William M.**, b. July 1, 1886.  
 11. Notes on guests of Cal. ants  
     On some N. W. Ants and guests  
 14. Some Myrmecoph. Ins. fr. Mex.  
**Mannerheim, Graf Carl G. von**, b. 1804; d. Oct. 9, 1854.  
 24. in Fischer's Entomogr. Ross. II, 1824.  
 25. Novæ Col. sp. desc.  
 26. Novæ Col. sp. desc.  
 27. Supplementa quædam  
 29. Supplementa quædam  
 30. Précis . . . Brachelytres  
 37. Mém. sur. q. g. esp. de Carabiques  
 40. Desc. d. deux Col. nouv. d. l. Californie  
 43. Mem. sur la récolte, etc.  
     Desc. Tenebrionidæ  
     Beitr. z. Käferf. der Aleutischen Ins. etc.  
 44. Mém. sur la récolte etc.  
 45. Sur. q. esp. d Carabiques de Calif.  
     Versuch e. monogr. Corticaria etc.  
 46. Nachtrag Käferf. der Aleutischen Ins. etc.  
 52. Zweiter Nachtrag der Aleutischen Ins.  
 53. Dritter Nachtrag der Aleutischen Ins.  
**Marlatt, C. L.**, b. Sept. 26, 1863.  
 90. Food habits of Psiloptera  
 97. Hist. Survey of Entomology  
**Marseul, S. A. de**, d. 1890.  
 53. Essai mon. s. l. f. d. Histérides  
     Essai mon. s. l. f. d. Histérides  
 54. Essai mon. s. l. f. d. Histérides  
     Essai mon. s. l. f. d. Histérides  
 55. Essai mon. s. l. f. d. Histérides  
     Essai mon. s. l. f. d. Histérides  
     Essai mon. s. l. f. d. Histérides  
     Essai mon. s. l. f. d. Histérides  
 56. Essai mon. s. l. f. d. Histérides  
     Essai mon. s. l. f. d. Histérides  
     Essai mon. s. l. f. d. Histérides  
 57. Essai mon. s. l. f. d. Histérides  
     Essai mon. s. l. f. d. Histérides  
 60. Supplément s. l. f. d. Histérides  
     Supplément s. l. f. d. Histérides  
 61. Supplément s. l. f. d. Histérides  
     Supplément s. l. f. d. Histérides  
 65. Monogr. des Buprestides d'Europe  
**Marshall, Rev. T. A.**, b. 1827; d. 1903.  
 65. Corynodinorum Recensio  
**Marsham, Thomas.**, d. 1819.  
 02. Entomologia Britannica, etc., London, 1802.  
**Matheson, Robert**, b. Dec. 20, 1881.  
 12. The Haliplidæ of Am. n. of Mex.  
 14. Life History of a Dytiscid beetle  
     Life History of Parnidæ  
     Notes on Hydrophilus triangularis  
**Matthews, Rev. A.**, b. 1815; d. Sept. 14, 1897.  
 38. Notice on s. n. gen. & sp. Brachelytra  
 58. Syn. List British Trichopterygidæ  
 65. On various sp. of Trichopterygidæ  
     <Psyche, I, 1875, pp. 89-93.  
     <Psyche, XVIII, 1911, pp. 27-31.  
     <Psyche, XVIII, 1911, pp. 102-109.  
     <Psyche, XXI, 1914, pp. 171-181.  
     <Hummel, Essais IV, 1825, pp. 19-41.  
     <Hummel, Essais V, 1826,  
     <Hummel, Essais VI, 1827, pp. 21-26.  
     <Hummel, Essais, VII, 1829.  
     <Mem. Ac. St. Petersb. I, 1830, pp. 415-501.  
     <Bull. Moscou, X, 1837, pp. 1-49.  
     <Rev. Zool. III, 1840, pp. 137-139.  
     <Bull. Moscou, XVI, 1843, pp. 70-99.  
     <Guérin Mag. Zool. XIII, 1843, pp. 126-129;  
     1844, XIV, 130-133.  
     <Bull. Moscou, XVI, 1843, pp. 175-314.  
     <Bull. Moscou, XVII, 1844, pp. 160-188.  
     <Bull. Ac. St. Petersb. IV, 1845, pp. 105-108.  
     <Germar Zeit. Ent. V, 1845, pp. 1-112.  
     <Bull. Moscou, XIX, 1846, pp. 501-516.  
     <Bull. Moscou, XXV, 1852, pp. 283-387.  
     <Bull. Moscou, XXVI, 1853, pp. 95-273.  
     <Proc. Ent. Soc. Wash. II, 1890, p. 43.  
     <Proc. Ent. Soc. Wash. IV, 1897, pp. 83-120.  
     <Ann. Soc. Ent. France, (3), I, 1853, pp. 131-294.  
     <Ann. Soc. Ent. France, (3), I, 1853, pp. 447-553,  
     pl.  
     <Ann. Soc. Ent. France, (3), II, 1854, pp. 161-311.  
     <Ann. Soc. Ent. France, (3), II, 1854, pp. 524-  
     592.  
     <Ann. Soc. Ent. France, (3), II, 1854, pp. 670-  
     707, pl.  
     <Ann. Soc. Ent. France, (3), III, 1855, pp. 83-165.  
     <Ann. Soc. Ent. France, (3), III, 1855, pp. 327-506.  
     <Ann. Soc. Ent. France, (3), III, 1855, pp. 677-  
     758, pl.  
     <Ann. Soc. Ent. France, (3), IV, 1856, pp. 97-144.  
     <Ann. Soc. Ent. France, (3), IV, 1856, pp. 259-283.  
     <Ann. Soc. Ent. France, (3), IV, 1856, pp. 549-  
     628, pl.  
     <Ann. Soc. Ent. France, (3), V, 1857, pp. 109-167.  
     <Ann. Soc. Ent. France, (3), V, 1857, pp. 397-516,  
     pl.  
     <Ann. Soc. Ent. France, (3), VIII, 1860, pp. 581-  
     610.  
     <Ann. Soc. Ent. France, (3), VIII, 1860, pp. 835-  
     866.  
     <Ann. Soc. Ent. France, (4), I, 1861, pp. 141-144,  
     pl.  
     <Ann. Soc. Ent. France, (4), I, 1861, p. 509.  
     <L'Abeille, II, 1865.  
     <Journ. Proc. Linn. Soc. Zool. VIII, 1865, pp. 24-  
     50.  
     <Journ. N. Y. Ent. Soc. XX, 1912, pp. 156-193, pl.  
     <Can. Ent. XLVI, 1914, pp. 37-40, pl.  
     <Can. Ent. XLVI, 1914, pp. 181-189, pl.  
     <Can. Ent. XLVI, 1914, pp. 337-343, pl.  
     <Ent. Mag. V. 1838, pp. 188-198.  
     <Zoologist, XVI, 1858, pp. 6104-6111.  
     <Ent. Mo. Mag. I, 1865, pp. 173-178.



**Matthews**

66. On Trichopterygidæ <Ann. Mag. Nat. Hist. XVII, 1866, pp. 143-148.  
 67. Desc. of a new genus of Trichopteryx <Ann. Lyc. Nat. Hist. N. Y. VIII, 1867, pp. 406-413, pl.  
 68. On some sp. of Trichopteryx <Ent. Mo. Mag. V, 1868, pp. 9-13.  
 72. Trichopt. illustrata et descripta, London, 1872, (Suppl. ed. Mason, 1900) 188 pp., pl.  
 Desc. of two n. sp. Amphizoa <Cistula Entom. I (1869-1876) 1872, pp. 119-122.  
 74. Notes on Austral. & N. Am. Trichop. <Cist. Ent. I, 1874, pp. 295-299.  
 77. Notes on Trichopterygia found in Amer. <Cist. Ent. II, 1877, pp. 165-177.  
 84. Syn. No. Am. Trichopterygidæ <Trans. Am. Ent. Soc. XI, 1884, pp. 113-156.  
 85. On a new genus allied to Corylophus <Ent. Mo. Mag. XXII, 1885, pp. 160-161.  
 88. Silphidæ and Corylophidæ <Biol. C.-Am. Col. II, I, 1888, pp. 72-181.  
 89. Ptenidium caseyanum, etc. <Ann. Mag. Nat. Hist. (6), III, 1889, pp. 193-194.  
 99. Mon. Corylophidæ & Sphæriidæ, ed. by P. B. Mason, London, 1899.

**Megerle von Muehlfeld, Johann K.**

23. Descriptions <Georg Dahl's Catalog. Coleoptera u. Lepidoptera, Wien, 1823.

**Megnin, P., b. 1828.**

94. La Faune des Cadavres. Paris, 1894, pp. 1-214.

**Melander, A. Leonard, b. June 3, 1878.**

02. A new Silphid Beetle, etc. <Psyche, 1902, pp. 328-329.  
 (see also Brues and Melander)

**Mellié, J., d. 1850.**

47. On the genera of Cis in Mélanges etc. <Rev. Zool. X, 1847, pp. 108-110.  
 48. Mon. de l'ancien g. Cis des auteurs <Ann. Soc. Ent. France, (2), VI, 1848, pp. 205-274, pl.  
 Mon. de l'ancien g. Cis des auteurs <Ann. Soc. Ent. France, (2), VI, 1848, pp. 313-396.

**Melsheimer, F. Valentin., b. Sept. 25, 1749; d. June 30, 1814.**

06. Cat. of the Ins. (Beetles) of Penn., Hanover, York Co., 1806, pp. 1-66 (First separate publication in America referring to Insects).  
 30. Beschr. neuer Käfer <Bericht, Versamml. Naturf. in Heidelberg, 1830.  
 95. Melsheimer's Cat. Col. Pa. (E. A. Schwarz) <Proc. Ent. Soc. Wash. III, 1895, pp. 134-138.  
 97. F. V. Melsheimer (Geo. R. Powell) <Hist. Soc. of York County, Pa., read Apl. 8, 1897, reprinted York, Pa. 1903.

**Melsheimer, Friedrich E., b. 1782; d. Meh. 10, 1873.**

46. Desc. of new sp. Col. of U. S. <Proc. Ac. N. S. Phila. II, 1846, pp. 26-43.  
 Desc. of new sp. Col. of U. S. <Proc. Ac. N. S. Phila. II, 1846, pp. 98-118.  
 Desc. of new sp. Col. of U. S. <Proc. Ac. N. S. Phila. II, 1846, pp. 134-160.  
 Desc. of new sp. Col. of U. S. <Proc. Ac. N. S. Phila. II, 1846, pp. 213-223.  
 Desc. of new sp. Col. of U. S. <Proc. Ac. N. S. Phila. II, 1846, pp. 302-318.  
 47. Desc. of new sp. Col. of U. S. <Proc. Ac. N. S. Phila. III, 1847, pp. 53-66.  
 Desc. of new sp. Col. of U. S. <Proc. Ac. N. S. Phila. III, 1847, pp. 158-181.  
 53. Cat. of the desc. Col. of U. S. Revised by Haldeman and Leconte, 1853.  
 84. The Melsheimer family and collection <Can. Ent. XVI, 1884, pp. 191-197.  
 (H. A. Hagen)

**Ménétriés, Edouard, d. Apl. 10, 1861.**

43. Mon. du genre Calisthenes <Bull. Acad. St. Pétersb. I, 1843, pp. 341-350.  
 44. Sur. un env. d'ins. de la côte N. O. d'Am. <Bull. Acad. St. Pétersb. II, 1844, pp. 49-64.  
 51. Insecten <Middendorf's Reise in Sibirien, Petersburg, 1851.

**Méquignon, A.**

09. Eurhizophagus, n. gen. <L'Abeille, XXXI, 1909, p. 105.  
 13. Syn. et var. nouv. Rhizophagus <Bull. Soc. Ent. France, 1913, pp. 342-343.  
 Desc. de trois Rhizophages nouveaux <Bull. Soc. Ent. France, 1913, pp. 90-91.  
 14. On Rhizophagidæ <L'Abeille, XXXI, 1914.  
 Rhizophagidæ <Junk Col. Cat. pars 61, 1914.

**Mink, W.**

53. Beschreibung zweier neuer Käfer <Stett. Ent. Zeit. XIV, 1853, pp. 58-60.

**Mitchell, J. D. and Pierce, W. Dwight.**

11. Weevils of Victoria Co., Texas. <Proc. Ent. Soc. Wash. XIII, 1911, pp. 45-62.

**Möllenkamp,**

11. Beitr. z. k. d. Lueaniden <Intern. Ent. Zeit. V, 1911, pp. 301-303.

**Montrouzier, P.**

55. Essai sur la Faune d. l'isle de Woodlark <Ann. Soc. d'Agr. Lyon, (2), VII, 1855, pp. 1-114.  
 Essai sur la Faune d. l'isle de Woodlark <Ann. Soc. d'Agr. Lyon, VIII, pp. 393-411.

**Moody, Henry L.**

76. The mandibles of the larvæ of Eros <Psyche, I, 1876, pp. 185-187.

**Morawitz, Ferdinand, b. Aug. 3, 1827; d. Dec. 5, 1896.**

63. Beitrag zur Käferf. der insel Jesso <Mém. Acad. St. Petersb. (7), VI, 3, 1863, pp. 1-84.

**Morrill, A. W., b. 1880.**

03. Early Stages of Corylophodes <Ent. News, XIV, 1903, pp. 135-138, pl.

- Motschulsky, T. Victor von**, d. June, 1871.  
37. Extrait d'une lettre etc. <Bull. Moscou, X, 1837, pp. 97-124.  
45. Die Käfer Russlands <Bull. Moscou, XVIII, 1845, 72 pp., pl.  
Insectes de la Sibérie <Mém. de l'Ac. d. St. Petersb. XIII, 1845, 274 pp. pl.  
50. Kritische Beurtheilung von Erichson <Bull. Moscou, XXIII, 1850, pp. 195-257.  
53. Etudes Entomologiques 1852, Helsingfors, 1853, pp. 1-80.  
54. Etudes Entomologiques 2 me année 1853, Helsingfors, 1854, pp. 1-56.  
Etudes Entomologiques 3 me année 1854, Helsingfors, 1854, pp. 1-69.  
Monog. von Bruchus <Mitth. d. k. f. ök. Gesell. z. Petersb. 1854, 17 pp. pl.  
55. Etudes Entomologiques 4 me année 1855, Helsingfors, 1855, pp. 1-84, pl.  
56. Etudes Entomologiques 5 me année 1856, Helsingfors, 1856, pp. 1-88, pl.  
57. Etudes Entomologiques 6 me année 1857, Helsingfors, 1857, pp. 1-112, pl.  
Enum. des nouv. esp. I <Bull. Moscou, XXX, IV, 1857, pp. 499-517.  
58. Etudes Entomologiques 7 me année 1858, Helsingfors, 1858, pp. 1-192, pl.  
Enum. des nouv. esp. II <Bull. Moscou, XXXI, II & III, 1858, pp. 634-670; 204-264.  
59. Col. nouv. de la Californie <Bull. Moscou, XXXII, II, 1859, pp. 122-185.  
Col. nouv. de la Californie <Bull. Moscou, XXXII, III, 1859, pp. 357-410.  
Etudes Entomologiques 8 me année 1859, Helsingfors, 1859, pp. 1-187, pl.  
60. Etudes Entomologiques 9 me année 1860, Helsingfors, 1860, pp. 1-41.  
Coleop. <Schrenk Reisen u. For. im Amurlande, St. Petersburg, 1860.  
Enum. des nouv. esp. III <Bull. Moscou, XXXIII, II, 1860, pp. 539-588.  
61. Etudes Entomologiques 10 me année 1861, Dresden, 1861, pp. 1-24.  
62. Etudes Entomologiques 11 me année 1862, Dresden, 1862, pp. 1-55.  
64. Enum. des nouv. esp. IV <Bull. Moscou, XXXVII, III, 1864, pp. 171-355.  
65. Enum. des nouv. esp. V <Bull. Moscou, XXXVIII, III, 1865, pp. 227-380.  
Desc. Cychni <Bull. Mosc. IV, 1865, p. 310.  
68. Enum. des nouv. esp. VI <Bull. Moscou, XLI, III, 1868, pp. 170-201.  
69. Enum. des nouv. esp. VIII <Bull. Moscou, XLV, I, 1869, pp. 348-410.  
73. Enum. des nouv. esp. XII <Bull. Moscou, XLVI, I, 1873, pp. 466-482.
- Mueller, Otto F.**, b. Meh. 11, 1730; d. Dec. 26, 1784.  
64. Fauna Insectorum Friedrichsdalina etc., Hafniae, 1764.  
66. Manipulum Ins. Taurinesium Mélanges Soc. Roy. Turin, III, 1766, pp. 185-198.  
76. Zoologiae Danicae prodromus etc., Hafniae, 1776.
- Mueller, Philipp W. J.**, b. 1772; d. Meh. 31, 1851.  
06. Macronychus, etc. <Illiger's Mag. V, 1806, pp. 207-220.  
17. Bemerk. u. einige Insecten <Germar Mag. Zool. II, 1817, pp. 266-289.  
22. Mon. der Ameisen Käfer <Schrift. d. naturf. Ges. I, 1822, pp. 175-204.
- Muir, Frederick.**  
18. Notes on the Ontogeny and Morphology of the male genital tube. <Trans. Ent. Soc. London, 1918, pp. 223-229, pl. X.  
(See also Sharp & Muir)
- Mulsant, Etienne**, b. Meh. 2, 1797, d. Nov. 4, 1880.  
39. Hist. nat. d. Col. de France, Lyon. I, Longicornes, 1839, 304 pp., pl.  
(Second edition, 1862-63, 590 pp.)  
42. Hist. nat. d. Col. de France, Lyon. II, Lamellicornes, 1842, 623 pp., pl.  
(Second edition, 1871, 778 pp., 3 pl.)  
44. Hist. nat. d. Col. de France, Lyon. III, Palpicornes, 1844, 196 pp., pl.  
(Second edition, 1885-86, 373 pp., 2 pl.)  
46. Hist. nat. d. Col. de France, Lyon. IV, Sulcicolles-Sécuripalpes, 1846, 304 pp., pl.  
54. Hist. nat. d. Col. de France, Lyon. V, Latigènes, 1854, 396 pp.  
56. Hist. nat. d. Col. de France, Lyon. VI, Pectinipèdes, 1856, 96 pp.  
Hist. nat. d. Col. de France, Lyon. VII, Barbipalpes etc. (Hétéromères), 1856, 331 pp., 2 pl.  
57. Hist. nat. d. Col. de France, Lyon. VIII, Vésicants, 1857, 201 pp., pl.  
58. Hist. nat. d. Col. de France, Lyon. IX, Angustipennes, 1858, 172 pp.  
59. Hist. nat. d. Col. de France, Lyon. X, Rostrifères, 1859, 56 pp.  
Hist. nat. d. Col. de France, Lyon. XI, Altisides, 1859-60, 384 pp.  
62. Hist. nat. d. Col. de France, Lyon. XII, Mollipennes, 1862, 440 pp., 3 pl.  
63. Hist. nat. d. Col. de France, Lyon. XIII, Angusticolles etc., 1863-64, 157 pp., 2 pl.  
64. Hist. nat. d. Col. de France, Lyon. XIV, Térédiles, 1864, 394 pp., 10 pl.  
65. Hist. nat. d. Col. de France, Lyon. XV, Fossipèdes etc., 1865, 124 pp., 5 pl.  
66. Hist. nat. d. Col. de France, Lyon. XVI, Colligères, 1866, 187 pp., 3 pl.  
67. Hist. nat. d. Col. de France, Lyon. XVII, Scuticolles, 1867, 186 pp., 2 pl.  
Hist. nat. d. Col. de France, Lyon. XVIII, Vésiculifères, 1867, 308 pp., 7 pl.  
68. Hist. nat. d. Col. de France, Lyon. XIX, Floricoles, 1868, 315 pp., 19 pl.  
Hist. nat. d. Col. de France, Lyon. XX, Gibbicollis, 1868, 224 pp., 19 pl.  
69. Hist. nat. d. Col. de France, Lyon. XXI, Piluliformes, 1869, 175 pp., 2 pl.  
71. Hist. nat. d. Col. de France, Lyon. XXIII, Brévipennes; Aléochariens I, 1871, 321 pp., 5 pl.



**Mulsant**

72. Hist. nat. d. Col. de France, Lyon. XXII, Improsternes etc., 1872, 344 pp., 2 pl.  
 73. Hist. nat. d. Col. de France, Lyon. XXIV, Brévipennes; Aléochariens II, 1873, 155 pp., 2 pl.  
 Hist. nat. d. Col. de France, Lyon. XXV, Brévipennes; Aléochariens III, 1873, 695 pp., 5 pl.  
 74. Hist. nat. d. Col. de France, Lyon. XXVI, Brévipennes; Aléochariens IV, 1874, 565 pp., 5 pl.  
 75. Hist. nat. d. Col. de France, Lyon. XXVII, Brévipennes; Aléochariens et Myrmédoniaires, 1875, 470 pp., 3 pl.  
 77. Hist. nat. d. Col. de France, Lyon. XXVIII, Brévipennes; Xanthaliens, 1877, 128 pp., 3 pl.  
 Hist. nat. d. Col. de France, Lyon. XXIX, Brévipennes; Staphyliniens, 1877, 712 pp., 6 pl.  
 78. Hist. nat. d. Col. de France, Lyon. XXX, Brévipennes; Pédériens et Euesthétiens, 1878, 338 pp., 6 pl.  
 79. Hist. nat. d. Col. de France, Lyon. XXXI, Brévipennes; Oxyporiens et Oxytéliens, 1879, 401 pp., 7 pl.  
 Hist. nat. d. Col. de France, Lyon. XXXII, Brévipennes; Phléocariens, Trigonuriens, 1879, 70 pp., 2 pl.  
 80. Hist. nat. d. Col. de France, Lyon. XXXIII, Brévipennes; Omaliens, 1880, 419 pp., 6 pl.  
 (= Ann. Soc. Linn. Lyon, Vol. XXVII.)  
 81. Hist. nat. d. Col. de France, Lyon. XXXVI, Lathridiens, I, 1881, 209 pp.  
 83. Hist. nat. d. Col. de France, Lyon. XXXIV, Brévipennes; Tachyporiens, 1883, 295 pp., 4 pl.  
 84. Hist. nat. d. Col. de France, Lyon. XXXV, Brévipennes; Micropéplides et Sténides, 1884, 263 pp., 3 pl.  
 Hist. nat. d. Col. de France, Lyon. XXXVII, Lathridiens, II, 1884, 152 pp.  
 Nos. XIII-XXXIII of the above, in collaboration with Rey.  
 No. XI (Altisides) by C. Foudras.  
 Nos. XXXIV-XXXV by Rey.  
 Nos. XXXVI-XXXVII by Belon.  
 Nos. I-VI, XXIV, XXVIII, published only independently.  
 The others were published also in Ann. Soc. Linn. Lyon, N. S. tomes III (1856) to XXXII (1886) or Ann. Soc. Agric. Lyon, Ser. III, tomes VI (1862) to XI (1867) and Ser. IV, tomes I (1869) to X (1878).
47. Desc. de deux Col. nouv. <Ann. Soc. d'Agric. Lyon, X, 1847, pp. 513-521.  
 50. Spec. des col. trimères sécuripalpes <Ann. Soc. d'Agric. Lyon, (2), II, 1850, pp. 1-1104.  
 51. Desc. Brachélytres (avec Rey) <Mém. Ac. Sc. Lyon (2), I, 1851, pp. 155-186.  
 52. Opuscules entomologiques,\* Paris, cah. I, 1852, 193 pp. pl.  
 53. Supplément trimères sécuripalpes <Ann. Soc. Linn. Lyon, (3), I, 1853, pp. 129-334.  
 Opuscules entomologiques,\* Paris, cah. II, 1853, 202 pp. pl.  
 Opuscules entomologiques,\* Paris, cah. III, 1853, 206 pp.  
 Opuscules entomologiques,\* Paris, cah. IV, 1853, 244 pp. pl.  
 54. Opuscules entomologiques,\* Paris, cah. V, 1854, 255 pp.  
 Desc. Trichophorus (avec Godart) <Mém. Ac. Sc. Lyon (2), IV, 1854, pp. 21-24.  
 Desc. Crepidophorus (avec Guillebeau) <Mém. Ac. Sc. Lyon (2), IV, 1854, pp. 29-32.  
 55. Opuscules entomologiques,\* Paris, cah. VI, 1855, 208 pp. pl.  
 56. Opuscules entomologiques,\* Paris, (Coccinellidæ) VII, 1856, 200 pp.  
 Op. 7 Coccinellidæ <Ann. Soc. Linn. Lyon, (2), III, 1856, pp.  
 58. Opuscules entomologiques,\* Paris, cah. VIII, 1858, 155 pp.  
 59. Opuscules entomologiques,\* Paris, cah. IX, 1859, 196 pp.  
 Opuscules entomologiques,\* Paris, cah. X, 1859, 160 pp.  
 60. Opuscules entomologiques,\* Paris, cah. XI, 1860, 180 pp.  
 62. Opuscules entomologiques,\* Paris, cah. XII, 1862, 196 pp.  
 64. Opuscules entomologiques,\* Paris, cah. XIII, 1864 (or 1863), 190 pp.  
 66. Monographie des Coccinellides part 1, Paris, 1866, 292 pp. (Ac. Sc. Lyon, XV, pp. 1-112)  
 67. Monographie des Coccinellides part 2, 1867, (Ac. Sc. Lyon, XVI, pp. 1-112).  
 70. Monographie des Coccinellides part 3, 1870, (Ac. Sc. Lyon, XVII, pp. 1-66).  
 Opuscules entomologiques,\* Paris, cah. XIV, 1870, 244 pp.  
 73. Opuscules entomologiques,\* Paris, cah. XV, 1873, 212 pp.  
 75. Opuscules entomologiques,\* Paris, cah. XVI, 1875, 212 pp.
- Murray, Andrew**, b. Feb. 19, 1812; d. Jan. 10, 1878.  
 56. Mon. of the gen. Catops. <Ann. of Nat. Hist. (2), XVIII, 1856, pp. 1-467.  
 62. On the geogr. relations of Col. etc. <Trans. Linn. Soc. Lond. XXIII, 1862, pp. 449-455, pl.  
 64. Monog. fam. Nitidulariæ <Tr. Linn. Soc. London, XXIV, 1864, pp. 211-414, pl.  
 73. On the geogr. relations of Col. etc. <Journ. Linn. Soc. Zool. XI, 1873, pp. 1-89.

\* Reprints of his shorter papers, in part repeated elsewhere.



**Mutchler, Andrew J.**, b. Oct. 10, 1869.

14. A new *Criocephalus* fr. Cuba

<Bull. Am. Mus. N. H. XXXIII, 1914, pp. 345-346.

18. *Adelocera mexicana* in Ariz.

See also Leng and Mutchler.

<Journ. N. Y. Ent. Soc. XXVI, 1918, p. 233.

**Muttkowski, Richard A. von**, b. Mch. 4, 1887.

10. A new sp. *Chalcophora*

<Bull. Wisconsin N. H. Soc. VIII, 1910, pp. 135-136.

*Eufallia* n. m. for *Belonia*

<Bull. Wisconsin N. H. Soc. VIII, 1910, pp. 161-162.

#### Naturgeschichte der Insecten Deutschland

Band I. Hälfte 1. *Cicindelidæ* u. *Carabidæ*, Schaum, 1860.

Hälfte 2. *Dytiscidæ* u. *Gyrinidæ*, Schaum & Kiesenwetter, 1868.

Band II. *Staphylinidæ*, Kraatz, 1858.

Band III. Hälfte 1. *Scaphid. Parnid. Scarabæid*, etc. Erichson, 1848.

Hälfte 2. *Pselaph. Scydm. Silphidæ*, etc. Reitter, 1882-1885.

Band IV. *Bupr. Elater. Clerid*, etc. Kiesenwetter, 1863.

Band V. Hälfte 1. *Anobiidæ, Tenebr.* Kiesenwetter & Seidlitz, 1877-1898.

Hälfte 2. *Allecul. Lagriidæ*, etc., Seidlitz, 1896-1899.

Band VI. *Chrysomelidæ*, Weise, 1882-1893.

**Needham, Jas. G. and Williamson, Helen V.**

07. Obs. on the n. h. of Diving Beetles

<Am. Nat. XLI, 1907, pp. 477-494.

**Newman, Edward**, b. May 13, 1801; d. June 12, 1876. (as editor and author).

33. The Entomological Magazine, London, I, 1833, p. 532, pl. 1-4.

35. The Entomological Magazine, London, II, 1835, p. 545, pl. 5-10.

36. The Entomological Magazine, London, III, 1836, p. 519, pl. 11-13.

37. The Entomological Magazine, London, IV, 1837, p. 496, pl. 14-16.

38. The Entomological Magazine, London, V, 1838, p. 532, pl. 17-18.

33. Entomological Notes <Entom. Magaz. I, 1833, pp. 283-288; 413-416; 503-514.

34. Entomological Notes <Entom. Magaz. II, 1834, pp. 200-205; 313-315; 512-516.

36. Entomological Notes <Entom. Magaz. III, 1836, pp. 499-501.

38. Entomological Notes <Entom. Magaz. V, 1838, pp. 168-181; 372-402; 483-500.

Desc. of *Cicindela ventralis* <Ent. Mag. V, 1838, p. 414.

A desc. list of sp. of *Rhyssodes*

<Mag. of N. H. (2), II, 1838, pp. 663-667.

39. On the Syn. of *Passandra*

<Ann. of N. H. II, 1838, pp. 388-399; III, pp. 303-305.

40. On eight new *Cryptoccephali*

<Mag. of N. H. (2), IV, 1840, pp. 249-250.

On some new sp. *Col. Ins.*

<Mag. of N. H. (2), IV, 1840, pp. 362-368.

The Entomologist, London, 1840-1842, pg. 424, pl. 16, contains:

Entomological Notes, pp. 1-37; 67-80; 90-95; 110-112; 169-171; 220-223; 413-415.

43. The Zoologist, London, 1843-1861, I, 1843, pp. 1-384.

44. The Zoologist, London, 1843-1861, II, 1844, p. 800.

**Nicolay, Alan S.**, b. Sept. 29, 1893.

14. *Mordellidæ* of N. Y.

<Bull. Brook. Ent. Soc. IX, 1914, pp. 29-32.

17. *Bupres. and Ceramb.* fr. Maine

<Bull. Brooklyn Ent. Soc. XII, 1917, pp. 92-94.

Syn. of *Anthophilax* of N. Am.

<Journ. N. Y. Ent. Soc. XXV, 1917, pp. 38-44.

18. Review of gen. *Buprestis* (w. Weiss.)

<Journ. N. Y. Ent. Soc. XXVI, 1918, pp. 75-109, pl.

**Nielsen, J. C.**

07. The Insects of East Greenland

<Medd. Grönl. XXIX, 1907, pp. 365-409.

**Nietner, John.**

56. Entomological Papers

<Journ. of Ceylon branch of Roy. Asiatic Soc. XXV, 1856, pp. 381-394.

58. Desc. new Ceylon *Col.*

<Ann. and Mag. N. H. (2), II, 1858, pp. 175-183; 418-431.

**Newport, G.**

43. Article *Insecta*

<The Cyclopædia of Anatomy and Physiology, 1843-1845.

**Nonfried, A. F.**, b. Sept. 16, 1854.

91. Verz. der *Rutelidæ* ... nach G. & H.

<B. E. Z. 1891, pp. 347-358; 449-454.

92. Verz. der *Glaphyriden* etc., nach G. & H.

<B. E. Z. 1892, pp. 249-290.

**Nordmann, Alexander von**, b. 1803; d. 1866.

37. *Symbolæ ad Mon. Staphyl.*

<Comment. Acad. Petersb. IV, 1837, pp. 1-167.

**Notman, Howard**, b. Apl. 20, 1881.

18. *Col.* fr. *Cochrane, Ont.*

<Journ. N. Y. Ent. Soc. XXVI, 1918, p. 237.

*Borcapphilus*

<Journ. N. Y. Ent. Soc. XXVI, 1918, pp. 182-190.

**Nunenmacher, F. W.**

09. Two new sp. *Coccinellidæ*

<Ent. News, XX, 1909, pp. 161-162.

- Nunenmacher**  
 11. Studies in Coccinellidæ, II <Ent. News, XXII, 1911, pp. 71-74.  
 12. Studies in Coccinellidæ, III (Brazilian) <Psyche, XIX, 1912, pp. 149-151.  
     Studies in Coccinellidæ, IV <Ent. News, XXIII, 1912, pp. 448-451.  
 13. Studies in Coccinellidæ, V <Ent. News, XXIV, 1913, p. 76.
- Nüsslin, Otto**, b. Oct. 26, 1850.  
 11. Phylogenie und System der Borkenkäfer <Zeitschr. f. wiss. Insektenbiologie VII, 1911.
- Obenberger, J.**  
 14. Descriptions of Anthaxia <Ent. Blätt., 1914, pp. 25-26.
- Ohaus, F.**  
 00. On Polymoechus <Deutsche Ent. Zeit. 1900, pp. 225, 258.  
 05. Strigoderma floridana <Stett. Ent. Zeit. LXVI, 1905, p. 285.  
 18. Euchirinae, Phaenomerinae, Rutelinae <Junk Col. Cat. pars 66, 1918, 241 pp.
- Olivier, Antoine G.**, b. Jan. 17, 1756; d. Nov. 1, 1814.  
 92. Sur quelq. n. esp. de Col. <Journ. d'hist. nat. I, 1792, pp. 262-268.  
 89. Entomologie, I, Paris, 1789, 497 pp., 63 pl.  
 90. Entomologie, II, Paris, 1790, 485 pp., 63 pl.  
 95. Entomologie, III, Paris, 1795, 557 pp., 65 pl.  
     Entomologie, IV, Paris, 1795, 519 pp., 72 pl.  
 07. Entomologie, V, Paris, 1807, pp. 1-612, 59 pl.  
 08. Entomologie, VI, Paris, 1808, pp. 613-1104, 41 pl.  
     This entire work refers to Coleoptera.  
     In Vols. I-IV of the above work there is a separate pagination for each genus.  
     Vol. III contains chiefly various genera of Heteromera, aquatic families, Carabe, and Staphylin.  
     Vol. IV contains chiefly various genera of Cerambycidae, "Clairon," Donacie, Scolyte, Bruche, and others.  
     The plates are usually bound in two separate volumes.  
     For a review of Olivier's species in "Entomologie," see Horn <Trans. Am. Ent. Soc. XIII, 1886, pp. 135-144.
89. Encyclopédie Méthodique, Insectes, A-Bom IV, 1789, pp. 817.  
 90. Encyclopédie Méthodique, Insectes, Bom-Cir V, 1790, pp. 720.  
 91. Encyclopédie Méthodique, Insectes, Cir-Gyr VI, 1791, pp. 828.  
 92. Encyclopédie Méthodique, Insectes, Han-Mou VII, 1792, pp. 832.  
 11. Encyclopédie Méthodique, Insectes, Mou-Pan VIII, 1811, pp. 704. (Including articles by Latreille.)  
 19. Encyclopédie Méthodique, Insectes, Pap-Suppl. IX, 1819, pp. 793. (Entire volume on "Papillon" and the work of Godart and Latreille.)  
 25. Encyclopédie Méthodique, Insectes, Par-Zyg X, 1825, pp. 373+331. (By Latreille, LePeletier de Saint-Fargeau, Audinet-Serville, and Guérin-Ménéville.)  
     Two volumes of plates belong with these seven volumes devoted to Insects, viz:  
     Tableau, Dix-Huitième Partie, 1797, 268 plates, with 142 explanatory pages.  
     Tableau, Vingt-Quatrième Partie, 1818, 129 plates, with 38 explanatory pages.  
     Bibliography for Olivier, kindly furnished by Wm. J. Fox and E. T. Cresson, Jr.
- Olivier, Ernest**, b. 1844; d. Jan. 26, 1914.  
 07. Lampyridæ <Gen. Ins. fasc. 53, 1907, 74 pp., pl.  
 10. Lampyridæ <Junk Col. Cat. pars. 9, 1910.  
 12. Lamp. faisant partie d. l. coll. d. Mus. de Wash. <Ann. Soc. Ent. Belg. LVI, 1912, pp.  
     Bibliography <Revue Sc. du Bourbonnais XXVII, 1914, pp. 34-50.
- Olliff, A. Sidney.**  
 83. Desc. . . . Clavicorn Coleop. <Cistula Ent. III, 1883, pp. 49-61, pl.  
     Lophocateres in Remarks on Clavicorns <Trans. Ent. Soc. Lond. 1883, p. 180 (pp. 173-186).  
     Holoparamesus singularis Beck. <Ent. V, 1883, pp. 1-4.
- Olsen, Chris E.**, b. Apl. 8, 1880.  
 18. Bruchus calvus on Cytisus <Journ. N. Y. Ent. Soc. XXVI, 1918, p. 234.
- Ormonde, Frederic.**  
 96. Carnivorous Larva of Melanotus <Ent. News, VII, 1896, pp. 200-202.
- Osborn, Herbert** (and Wickham), b. Mch. 19, 1856.  
 90. Fragment of Cat. Col. Iowa <Proc. Iowa Ac. Sci. 1890, p. 44.
- Osten Sacken, Baron C. R.**, b. 1828.  
 62. Desc. of some larvæ of N. Am. Col. <Proc. Ent. Soc. Phila., I, 1862, pp. 105-130, pl.  
 74. Desc. of larva of Pleocoma <Tr. Am. Ent. Soc. V, 1874, pp. 84-87.
- Ouellet, C. J.**  
 02. Liste des Col. . . . Quebec <Le Naturaliste Canadien, XXIX, 1902.
- Packard, Asa S., M.D.**, b. 1839; d. Feb. 14, 1905.  
 70. List of Col. coll. . . . Labrador <Can. Ent. II, 1870, p. 119.  
 72. List of Col. coll. in Labrador <4th Ann. Rept. Peabody Ac. Sci. 1872, pp. 92-94.  
 73. Cave Fauna of Indiana <5th Ann. Rept. Peabody Ac. Sci. 1873, pp. 93-98.



**Packard**

76. Cave Beetles of Kentucky <Amer. Nat. X, 1876, pp. 282-287.  
 81. Insects inj. to Forest & Shade Trees <Bull. 7, Dept. Int. U. S. Ent. Com. 1881.  
 86. Cave Fauna of N. A. <Mem. Nat. Ac. Sci. IV, 1886, 156 pp. 27 pl.  
 88. List of Spiders, Myriopods & Ins. in Labrador <Can. Ent. XX, 1888, pp. 141-149.  
 89. Guide to the Study of Ins., ed. IX, New York, 1889.  
 90. Insects inj. to Forest & Shade Trees, 2d ed. <Fifth Rept. U. S. Ent. Com. 1890.  
 98. A text book of Entomology, New York, 1898.

**Palisot de Beauvois**, see Beauvois.**Pallas, Peter S.**, b. Sept. 22, 1741; d. Sept. 8, 1811.

71. Reisen durch verschiedene Provinzen des Russischen Reiches, Petersburg, 1771.  
 Icones insectorum etc., Erlangæ, 1781, 1782, 1798.  
 06. Icones insectorum IV, Coleop. Erlangæ, 1806 (?).

**Palmer, Miriam A.**

11. Some notes on heredity in Adalia <Ann. Ent. Soc. Am. IV, 1911, pp. 283-302, pl.  
 14. Some notes on life history of lady beetles <Ann. Ent. Soc. Am. VII, 1914, pp. 213-237, pl.  
 17. Add. notes on heredity in Adalia <Ann. Ent. Soc. Am. X, 1917, pp. 289-302.

**Panzer, Georg W. F.**, b. 1755; d. June 28, 1829.

93. Faunæ Insectorum Germanicæ etc., Nurnberg, heft 1-12, 1793; 13-24, 1794; 25-36, 1796;  
 37-48, 1797; 49-60, 1798; 61-72, 1799; 73-84, 1801; 85-96, 1805; 97-108, 1809; 109-1813.  
 94. Faunæ Insectorum Americæ borealis prodromus, Nürnberg, 1794.  
 95. Deutschlands Insecten Fauna oder Ent. Taschenbuch, Nürnberg, 1795.  
 98. Voets Beschreibungen, etc., Erlangen, I, 1785; II, 1793; III, 1794; IV, 1798; V, 1802.

**Patton, W. H.**

79. The Ovipositor of Amblycheila <Psyche II, 1879, pp. 260-261.

**Pascoe, Francis P.**, b. Sept. 1, 1813; d. June 20, 1893.

58. On new gen. & sp. Longicorn. Col. <Trans. Ent. Soc. Lond. (2), IV, 1858, pp. 89-112;  
 236-266; pl.  
 60. Notices of l. k. gen. & sp. Coleop. <Journ. of Ent. I, 1860, pp. 36-64; 98-132; pl.  
 66. Descriptions <Journ. of Ent. II, 1866, pp. 23...493.  
 Notes on Sphaerius & Malloccera <Ann. Mag. Nat. Hist. (3), XVIII, 1866, pp. 447-484.  
 74. Contrib. to knowl. of Curculionidæ IV <Journ. Linn. Soc. Zool. XII, 1874, pp. 1-99, pl.  
 76. Cholus forbesi <Proc. Ent. Soc. Lond. 1876, p. XXX.  
 89. Geræus <Ann. & Mag. Nat. Hist. (6), IV, 1889, p. 322.

**Paykull, Gustaf von**, d. about 1820.

89. Mon. Staphylinorum Sueciæ, Upsala, 1789.  
 90. Mon. Caraborum Sueciæ, Upsala, 1790.  
 98. Fauna Suecica, Upsala, I, 1798.  
 99. Fauna Suecica, Upsala, II, 1799.  
 00. Fauna Suecica, Upsala, III, 1800.  
 11. Monogr. Histeroidum, Upsala, 1811.

**Peck, William D.**

17. On the Insects which destroy, etc., <Mass. Agric. Repos. IV, 1817, pp. 205-211, pl.  
 19. On Insects which affect the Oaks <Mass. Agric. Repos. V, 1819, pp. 307-313.

**Perbosc.**

39. Insectes nouv. déc. au Mexique <Revue Zool. II, 1839, pp. 261-264.

**Percheron, Achille R.**, b. Jan. 25, 1797; d.

37. Bibliographie Entomologique, vols. 1-2, 1837, Paris, 326-376 pp. An interesting feature of  
 this work is index (Table des articles par ordre de matière et de chronologie) in vol. 2, pp. 243-  
 372. See Gory.

**Perkins, R.**

00. Desc. of Pantamorus olindæ <Fauna Hawaiiensis, Col. I, 1900, p. 130.

**Perris, Edouard, J. P. O. A.**, b. June 14, 1808; d. Feb. 10, 1878.

52. Histoire des Insectes du Pin Maritime <Ann. Soc. Ent. Fr. (2) X, 1852, pp. 491-522, pl.;  
 (3), I, 1853, 555-644; II, 1854, 85-160; 593-646; IV, 1856, 173-257; 423-486; V, 1857, 341-  
 395, pl.  
 62. Suppl. to Ins. du Pin Maritime <Ann. Soc. Ent. Fr. (4), II, 1862, pp. 173-243, pl.  
 77. Larves de coléoptères, Paris, 1877, 590 pp. <Ann. Soc. Linn. Lyon, XXII, 1875; XXIII,  
 1876, pl.

**Perty, Maximilian**, b. 1804; d. 1884.

30. Delectus animalium articulorum etc., Munich, 1830-1834.

**Petri, Karl.**

01. Mon. Col. tribus Hyperini, Berlin, 1901, 210 pp. pl.

**Pettit, Johnson**, d. Feb. 18, 1898.

72. Aleochara rubripennis <Can. Ent. IV, 1872, p. 99.  
 Lists of Canadian Col. <Can. Ent. I-IV, 1869-1872.

**Peyerimhoff, P. de.**

11. Prothetely <Bull. Soc. Ent. France, 1911, p. 327.

**Pic, Maurice.**

- 94-97. Liste des Anthicites d. p. G. & H. <Ann. Soc. Ent. Belg. 1894, and Suppl. 1897.



**Pic.**

- 94. *Anthicus gibbithorax* <Misc. Ent. II, 1894, p. 21.
- 96. Remarques Syn. <Bull. Soc. Ent. France, 1896, pp. 29-31.
- 00. Contr. a l'étude des Ptinidæ <Ann. Soc. Ent. Belg. XLIV, 1900, pp. 251-258.
- Diag. de Coléop. du globe <L'Echange No. 192, 1900, pp. 89-91.
- 02. Descriptions <Rev. d'Ent. XXI, 1902.
- Hylophilidæ <Genera Insectorum, fasc. 8, 1902, 14 pp. pl.
- 03. Diag. gen. & spec. de . . . Col. exot. <L'Echange No. 228, 1903, pp. 182-183.
- 04. Diag. de 16 Col. Exot. <L'Echange No. 231, 233, 1904, pp. 18-20; 33-36.
- Desc. de Coléop. nouv. <Le Naturaliste, XXVI, 1904, p. 103.
- Notes sur div. esp. d'Anthicides <Ann. Mus. Zool. Petersb. IX, 1904, pp. 490-494.
- 05. Captures diverses etc. <L'Echange, XXI, 1905, p. 171, pp. 169-171.
- 07. Ueber neue Käfer <Stett. Ent. Zeit. LXVIII, 1907, pp. 337-342.
- 10. Hylophilidæ <Junk Col. Cat. pars 14, 1910.
- 11. Scraptiidae, Pedilidae <Junk Col. Cat. pars 26, 1911.
- Anthicidae <Junk Col. Cat. pars 36, 1911.
- 12. Ptinidae <Junk Col. Cat. pars 41, 1912.
- Anobiidae <Junk Col. Cat. pars 48, 1912.
- Coléop. exot. nouv. ou peu connus <L'Echange, XXVIII, 1912, pp. 46-47.
- 13. Bruchidae <Junk Col. Cat. pars 55, 1913.
- Col. exot. en partie nouveaux <L'Echange, XXIX, 1913, pp. 163-164.
- 14. Dascillidae, Helotidae, Eucinetidae <Junk Cat. pars, 58, 1914.

**Picado, C.**

- 12. La Larve du genre *Scirtes*

<Bull. Soc. Zool. Fr. XXXVII, 1912.

**Pierce, W. Dwight, b. Nov. 16, 1881.**

- 02. A new *Myodites* <Can. Ent. XXXIV, 1902, pp. 293-294.
- 04. Some Hypermetamorphic Beetles, etc. <Nebraska Univ. Studies, IV, 1904, pp. 1-38, pl.
- 07. Cont. to the Knowl. of Rhynchophora <Ent. News, XVIII, 1907, pp. 356-363.
- Cont. to the Knowl. of Rhynchophora <Ent. News, XVIII, 1907, pp. 379-385.
- On the biologies of Rhynchophora <Rept. Zool. Lab. Univ. Nebraska, 1907, pp. 249-319.
- 08. Desc. of . . . *Anthonomini* <Proc. U. S. Nat. Mus. XXXIV, 1908, pp. 173-181.
- 09. Studies of No. Amer. Weevils <Proc. U. S. Nat. Mus. XXXVII, 1909, pp. 325-364.
- Mon. Revision of . . . Strepsiptera <Bull. 66, U. S. Nat. Mus. 1909, pg. 232, pl.
- 10. Some new sp. of Weevils etc. <Journ. Econ. Ent. III, 1910, pp. 356-366.
- 11. Notes on . . . Strepsiptera <Proc. U. S. Nat. Mus. XL, 1911, pp. 487-511.
- The Weevils of Victoria Co. Tex. (w. Mitchell) <Proc. Ent. Soc. Wash. XIII, 1911, pp. 45-62.
- 12. Systematic Notes etc. of Weevils <Proc. U. S. Nat. Mus. XLII, 1912, pp. 155-170.
- 13. Misc. Cont. Attelabidae Brachyrhinidae <Proc. U. S. Nat. Mus. XLV, 1913, pp. 365-426.
- The Occurrence of Cotton Boll Weevil in Ariz. <Journ. of Agric. Res. I, 1913, pp. 89-96, pl.
- 16. Studies of Weevils <Proc. U. S. Nat. Mus. LI, 1916, pp. 461-473.
- Notes on Habits of Weevils <Proc. Ent. Soc. Wash. XVIII, 1916, pp. 6-10.
- Notes on the Habits of a dangerous w. <Journ. Econ. Ent. IX, 1916, pp. 424-431.
- 17. Manual of Dangerous Ins. etc. <U. S. Dept. Agr. 1917, 107 pp. 50 pl.
- 18. Comp. Morph. . . Strepsiptera <Proc. U. S. Nat. Mus. LIV, 1918, pp. 391-501, pl.

**Piller, Matthias, and Mitterpacher, Ludwig.**

- 83. Iter per Poseganam, etc., Budæ, 1783.

**Piper, C. V.**

- 11. Notes on *Pterostichus johnsoni*

<Proc. Ent. Soc. Wash. XIII, 1911, p. 62.

**Popenoe, Edwin A., b. July 1, 1855; d. Nov. 1913.**

- 77. A list of Kansas Col.

<Trans. Kan. Ac. Sci. V, 1877, pp. 21-40.

- 78. Additions to Kansas Col.

<Trans. Kan. Ac. Sci. VI, 1878, pp. 77-86.

**Poppius, Bertil R., b. 1876; d. Nov. 27, 1916.**

- 05. Zur k. d. *Pterostichen* u. *Cryobius*

<Acta Soc. pro fauna et fl. fennica, XXVIII, 1905, pp. 1-280.

- 07. Eine neue Art. d. u. *Cryobius*

<Wiener Ent. Zeit. XXVI, 1907, pp. 21-22.

Die Coleopteren des arktischen Gebietes

<Fauna Arctica, V. 1, 1907, pp. 89-447.

- 08. Ueber einige Arten *Pterostichen* u. *Cryobius*

<Ofversigt af Finska Vetenskaps Soc. L, 1908, pp. 1-4.

Ueber e. Sibirische u. N. W. Am. *Cryobius*

<Ofversigt af Finska Vetenskaps Soc. L, 1908, pp. 1-7.

**Portevin, M. G.**

- 03. Remarques sur les Nérophages, etc.

<Mus. d'hist. nat. Paris, 1903, pp. 329-336.

**Powell, P. B.**

- 04. Wings of Scolytid Beetles

<Journ. N. Y. Ent. Soc. XII, 1904, pp. 237-243, pl. 11-17.

- 05. The Same, part 2

<Journ. N. Y. Ent. Soc. XIII, 1905, pp. 5-22.

**Power, G., d. 1901.**

- 78. Notes p. s. a l. Mon. d. *Brenthides*

<Ann. Soc. Ent. France, 1878, pp. 477-496.

**Preudhomme de Borre, A.**

86. Cat. des Trogides... dep. G. & H. <Ann. Soc. Ent. Belg. 1886, pp. 54-82.

**Provancher, Abbé Léon**, b. 1820; d. 1892.

69. Liste des Col. pris a Portneuf, Quebec <Le Nat. Can. I, 1869 to III, 1871.  
77. Faune Ent. Canada, I, 1877 (title page; preface dated Jan. 1874).  
Additions & Corrections <Le Naturaliste Canad. IX, 1877, p. 321; also 1878 and 1879.  
79. Capture des Col. nocturnes <Le Nat. Canad. XI, 1879, pp. 60-61.

**Putnam, J. D.**, b. Oct. 18, 1855; d. Dec. 10, 1881.

76. List of Wyoming Col. <Reconn. of N. W. Wyom. War Dept. 1876, pp. 315-318.

Lists of Col. of Iowa, Colo. Wyom. & Utah <Proc. Davenport Ac. Sci. I, 1876, pp. 169-207.

**Putzeys, Jules A. A. H.**, b. May 1, 1809; d. Jan. 2, 1882.

45. Desc. Cic. ferrugata <Mem. Soc. Sc. Liège, II, 1845, p. 366.  
Monog. des Clivina et genres voisins <Mem. Soc. Sc. Liège, II, 1845, pp. 521-663.  
63. Postscriptum ad Clivina <Mem. Soc. Sc. Liège, XVIII, 1863.  
66. Notiophilus <Mem. Soc. Sc. Liège, 1866.  
67. Révis. <Ann. Soc. Ent. Belg. X, 1867.  
68. Broscini <Stett. Ent. Zeit. 1868, pp. 305-379.  
78. Desc. des Selenophorus de l'Am. <Stett. Ent. Zeit. 1878, pp. 1-73.

**Raffray, Achille.**

82. Commatocerus <Revue d'Ent. I, 1882, p. 1.  
90. Desc. Pselaphidæ <Revue d'Ent. IX, 1890, pp. 94, 103, 197.  
93. Essai Mon. sur la tribu des Faronini <Rev. d'Ent. 1893, pp. 1-53; 157-196.  
96. Desc. Pselaphidæ <Ann. Soc. Ent. France, LXV, 1896, pp. 266, 272.  
97. Revision of Batrisus <Ann. Soc. Ent. France, 1897, pp. 431-516, pl.  
Revision of Batrisus <Ann. Soc. Ent. France, pp. 484-600.  
Revision of Batrisus <Ann. Soc. Ent. France, pp. 1-476.  
Revision of Batrisus <Ann. Soc. Ent. France, pp. 635-658.  
98. Revision of Euplectini <Revue d'Ent. XVII, 1898, pp. 198-273.  
03. Genera & Cat des Psélaphides <Ann. Soc. Ent. France, LXXII, 1903, pp. 484-604, pl.  
04. Genera & Cat. des Psélaphides <Ann. Soc. Ent. France, LXXIII, 1904, pp. 1-476, pl.  
08. Pselaphidæ <Genera Insectorum.  
10. Nouv. esp. d. Pselaphidæ <Zool. Jahrb. Jena, LXXVIII, 1910, p. 15.  
11. Pselaphidæ <Junk Col. Cat. pars, 1911.

**Ramdohr, K. A.**

11. Abhandl. u. die Verdauungswerkzeuge der Insekten, Halle, 1811.

**Randall, John W.**

38. Desc. new col. ins. inh. Maine <Boston Journ. N. H. II, 1838, pp. 1-33.  
Desc. new col. ins. inh. Mass. <Boston Journ. N. H. II, 1838, pp. 34-52.  
On the sp. desc. by Randall (P. S. Sprague) <Proc. Boston Soc. N. H. XVII, 1875, pp. 373-385.

**Ratzeburg, Julius T. C.**, b. Feb. 16, 1801.

37. Die Forstinsekten, etc., Berlin, 1837.

**Rauterberg, Fr.**

85. Col. of Wisconsin <Proc. Nat. Hist. Soc. Wisc. 1885, pp. 10-25, 48-62; 1888, pp. 145-153, 222-228.

**Réaumur, M. de.**, b. 1683; d. 1757.

34. Mém. pour ser. à l'hist. des insectes, 6 vols., Paris, 1734-42.

**Redtenbacher, Ludwig**, b. July 10, 1814; d. Feb. 8, 1876.

44. Tentamen disp. gen. et spec. Col., Vindobonæ, 1844.  
45. Die Gattungen der deutschen Käferf. etc., Wien, 1845 (or 1854?)  
49. Fauna Austriaca, Wien, 1849 (often cited as 1848).  
Systematisches Verzeichniss etc., Wien, 1849.  
58. Fauna Austriaca, Zweite Auflage, Wien, 1858.  
74. Fauna Austriaca, Dritte Auflage, Wien, 1874.

**Reed, E. B.**, b. 1863; d. 1903.

69. Col. taken in N. of London, Ont. <Can. Ent. I, 1869, pp. 69-70.

**Régimbart, Maurice**, d. Sept. 22, 1907.

82. Essai Mon. d. l. f. d. Gyrinidæ <Ann. Soc. Ent. France, 1882, pp. 379-458, pl.  
83. Essai Mon. d. l. f. d. Gyrinidæ <Ann. Soc. Ent. France, 1883, pp. 121-190, pl.  
84. Essai Mon. d. l. f. d. Gyrinidæ <Ann. Soc. Ent. France, 1884, pp. 381-482, pl.  
86. 1st Suppl. d. l. f. d. Gyrinidæ <Ann. Soc. Ent. France, 1886, pp. 247-272, pl.  
89. Notes from Leyden Museum, XI, 1889, note 25, p. 112.  
91. 2d Suppl. d. l. f. d. Gyrinidæ <Ann. Soc. Ent. France, 1891, pp. 663-752, pl.  
02. Revision des grands Hydrophiles <Ann. Soc. Ent. France, 1902, pp. 188-232.  
Gyrinidæ <Gen. Ins. fasc. 1, 1902, 12 pp. pl.  
07. 3d Suppl. d. l. f. d. Gyrinidæ <Ann. Soc. Ent. France, LXXVI, 1907, pp. 137-245.



- Reiche, L.**, b. 1790; d. 1890.  
 38. Note sur le genre *Omus*. <Ann. Soc. Ent. France, VII, 1838, pp. 297-302.  
 39. Note sur le genre *Amblycheila*. <Ann. Soc. Ent. France, VIII, 1839, pp. 557-561.  
 43. Coléoptères de Colombie <Revue Zool. VI, 1843, pp. 37-41; 75-79; 141-145; 177-180.
- Reichenbach, Heinrich G. L.**, b. 1793.  
 16. *Monographia Pselaphorum*, Lipsiæ, 1816, 79 pp., pl.
- Reinecke, Ottomar** (and Frank H. Zesch), b. Nov. 26, 1840; d. Nov. 26, 1917.  
 80. List of Col. obs. and coll. in the Vic. of Buffalo, N. Y. 1880, 14 pp.  
 82. Additional List <Bull. Buff. Soc. Nat. Sci. IV, 1882, p. 55.
- Reitter, Edmond**, b. Oct. 22, 1845; d. Mch. 15, 1920.  
 72. Die Rhizophaginen <Verh. Nat. Vereins Brünn, XI, 1872, pp. 27-48.  
 73. Syst. Eintheil. Nitidulidæ <Verh. Nat. Vereins Brünn, XII, 1873.  
 75. *Pharaxonotha* <Deutsche Ent. Zeit. 1875, pp. 44 and 84.  
 76. *Hapalips* <Verh. Nat. Vereins Brünn, XIV, 1876, pp. 122-128.  
     Syst. Eintheil. Trogositidæ <Verh. Nat. Vereins Brünn, XIII, 1875, pp. 1-69.  
     *Laemophloeus unicoloris* <Col. Hefte, XV, 1876, p. 45.  
     Die Arten der gatt. *Cathartus* <Col. Hefte, XV, 1876, pp. 125-130.  
 77. Coleop. Species novæ <Verh. zool.-bot. Ver. Wien, XXVII, 1877, pp. 165-194.  
 78. Neue Cucujidæ <Verh. zool.-bot. Ver. Wien, XXVIII, 1878, pp. 185-195.  
 80. Die aussereurop. Dermestidæ <Verh. Nat. Vereins Brünn, XXIII, 1880, pp. 27-60.  
 81. Bestim-Tabelle IV-V <Verh. zool.-bot. Ver. Wien, XXXI, 1881, pp. 67-97; 443-592.  
     Colydiidæ, etc. <Verh. Nat. Vereins Brünn, XX, 1881, pp. 113-149.  
 82-85. *Pselaph. Scydm.* etc. <Naturg. Ins. Deutschl. III, 2, 1882-1885.  
 83. Col. Notizen <Deutsche Ent. Zeit, XXXII, 1883, pp. 74-75.  
     Bruchidæ <Verh. zool. bot. Ver. Wien, XXXIII, 1883.  
 84. *Platypsylla castoris* <Verh. Nat. Ver. Brünn, 1883, pp. 295-323.  
 85. Coleop. Notizen <Wien Ent. Zeit. III, 1884, pp. 19-21.  
 90. Elathous <Wien Ent. Zeit. IV, 1885, pp. 273-276.  
 07. Rhizophagidæ <Ent. Nachr. 1890, p. 247.  
 08. Coleop. Notizen <Wiener Ent. Zeit. XXVI, 1907.  
     (Preoccupied names in Athous) <Wiener Ent. Zeit. XXVII, 1908, p. 36.  
 09. Die Süßwasserfauna Deutschlands, Coleoptera, 1909. <Wiener Ent. Zeit. XXVII, 1908, p. 36.  
     *Fauna Germanica*, II <1909.  
     Uebersicht . . . *Agonum* <Wiener Ent. Zeit. XXVI, 1909, pp. 63-76.  
 13. Best. der Borkenkäfer <Wiener Ent. Zeit. XXXII, 1913, pp. 1-116.
- Rey, Claudius**, b. Sept. 8, 1817; d. Jan. 31, 1895.  
 82. *Essai d'études sur l. larves de Col.*, Beaune, 1887.  
 83. Descriptions <Revue d'Ent. II, 1883.  
     see also Mulsant & Rey.
- Richardson, Sir John**, b. 1787; d. 1865.  
 51. *Journal of a Boat Voyage etc.*, 1851.
- Ricksecker, L. E.**, b. Jan. 14, 1841; d. Jan. 30, 1913.  
 83. On the Occurrence of *Amphicoma* <Bull. Brooklyn E. S. V, 1883, p. 83.  
 85. Collection Notes <Ent. Am. I, 1885, p. 96.  
 86. *Pleocoma fimbriata* <Ent. Am. II, 1886, p. 201.  
 87. *Pleocoma fimbriata* <Ent. Am. III, 1887, p. 212.
- Riley, Charles V.**, b. Sept. 18, 1843; d. Sept. 14, 1895.  
     Notes in *Insect Life*, III, 177, 330, IV, 92, V, p. 27, 165, VI, 213, VII, 33.  
 71. 3d Ann. Rept. Ins. Missouri.  
 77. Larval Characters *Meloidæ* <Trans. St. Louis Ac. Sci. III, 1877, pp. 544-562.  
     New Genus in *Meloidæ* <Trans. St. Louis Ac. Sci. III, 1877, pp. 563-565.  
 80. Food Habits of Longicorn Beetles <Amer. Ent. III, 1880, pp. 237-239; 270-271.  
 83. On a gall-making g. of *Apioninæ* <Bull. Brooklyn E. S. VI, 1883, pp. 61-62.  
 86. Notes on *Phengodes* & *Zarhipis* <Proc. Ent. Soc. Wash. I, 1886, pp. 62-63.  
 87. Notes on *Phengodes* & *Zarhipis* <Proc. Ent. Soc. Wash. I, 1887, pp. 86-87.  
 88. On *Platypsyllus* <Insect Life, I, 1888.  
 90. On *Platypsyllus* <Proc. Ent. Soc. Wash. II, 1890, pp. 27-28.  
     On *Platypsyllus* <Ent. Am. VI, 1890, pp.  
     On *Lachnosterna* <Proc. Ent. Soc. Wash. II, 1890, pp. 58-60.  
 92. Parasitism in Insects <Proc. Ent. Soc. Wash. II, 1892, pp. 397-431.  
 94. Longevity in Insects <Proc. Ent. Soc. Wash. III, 1894, pp. 108-125.  
 95. Koebele's Mission to Australia <Proc. Ent. Soc. Wash. III, 1895, pp. 250-252.



- Ritchie, A. S.**, b. 1836; d. Dec. 13, 1870.  
 69. On the col. of isl. of Montreal <Can. Nat. & Geol. (2) IV, 1869, pp. 27-36.
- Ritsema, C. Cz.**  
 69. On Platypsyllus <Pet. Nouv. Entom. I, 1869.
- Rivers, John J.**, b. Jan. 26, 1824; d. Dec. 16, 1913.  
 86. Contrib. to larval history etc., Sacramento, 1886, 10 pp.  
 Desc. of form of female Zarhipis <Am. Nat. XX, 1886, pp. 648-650.  
 A new sp. Cal. Coleop. etc. <Bull. Cal. Ac. Sci. II, 1886, pp. 61-72.
88. A new genus . . . Scarabæidæ <Proc. Cal. Ac. Sci. (2) I, 1888, pp. 100-102.
89. A new Pleocoma <Ent. Am. V, 1889, p. 17.  
 Change of Name <Ent. Am. V, 1889, p. 6.
90. Habits of Pleocoma behrensii <Zoe, I, 1890, p. 24-26.  
 Note on Cybister <Zoe, I, 1890, p. 304.  
 Collecting Note <Ent. Am. VI, 1890, p. 70.  
 New sp. Cychrus <Ent. Am. VI, 1890, p. 71.  
 Three n. sp. Col. <Ent. Am. VI, 1890, pp. 111-112.
91. New sp. Scarabæidæ <Proc. Cal. Ac. Sci. (2) III, 1891, pp. 97-98.  
 Desc. larva of Dasyllus davidsoni <Proc. Cal. Ac. Sci. (2) III, 1891, pp. 93-96.
93. The sp. of Amblychila <Zoe, IV, 1893, pp. 218-223, pl.
00. A new Metrius fr. Calif. <Ent. News, XI, 1900, p. 389.
- Roberts, Christopher H.**, d. Sept. 29, 1916.  
 84. Collecting Notes <Bull. Brooklyn E. S. VII, 1884, p. 68, 77-79.  
 86. Note on Anthaxia <Ent. Am. II, 1886, p. 16.  
 89. Notes on Water Beetles <Ent. Am. V, 1889, p. 82.  
 Collecting Lachnosterna <Ent. Am. V, 1889, p. 100.
95. Revision of Dineutes <Trans. Am. Ent. Soc. XXII, 1895, pp. 279-288.
13. Char. of eastern sp. Dytiscus, etc. <Journ. N. Y. Ent. Soc. XIII, 1913, pp. 107-110.  
 Critical Notes on Halipidæ <Journ. N. Y. Ent. Soc. XXI, 1913, pp. 91-123.
- Robinson, Wirt**, b. Oct. 16, 1864.  
 15. Dicerca obscura and D. lurida <Journ. N. Y. Ent. Soc. XXIII, 1915, pp. 151-152.  
 18. Beetles coll. on . . . oak in Va. <Journ. N. Y. Ent. Soc. XXVI, 1918, pp. 30-33.
- Roelofs, W.**  
 77. On Leconte & Horn's "Rhynchophora" <C. R. Soc. Ent. Belg. 1877, pp. 1-7.
- Roeschke, Hans, M.D.**, b. Nov. 24, 1867.  
 00. Carabologische Notizen, VI <Ent. Nach. 1900, pp. 68-72.  
 07. Mon. d. Car. tribus Cychrini <Ann. Mus. Nat. Hung. V. 1907, pp. 99-277, pl.  
 Nachtrag zu tribus Cychrini <Ann. Mus. Nat. Hung. V. 1907, pp. 569-573.
- Rogers, W. Frederic**, d. Dec. 9, 1857.  
 56. Syn. of sp. of Chrysomela, etc. <Proc. Ac. N. S. Phila. VIII, 1856, pp. 29-38.
- Rolph, W.**, b. Aug. 26, 1847; d. Aug. 1, 1884.  
 74. Beitr. z. k. einiger Insectenlarven <Archiv Naturgeschichte XL, 1874.
- Rosenburg, E. C.**  
 13. Cont. to the kn. of biology etc. of beetles <Ent. Medelelser X, 1913, p. 37.
- Rosenhauer, Wilhelm D.**, b. Sept. 11, 1811; d. June 13, 1881.  
 46. Broscosoma u. Laricobius, etc., Erlangen, 1846.  
 56. Die Thiere Andalusiens, Erlangen, 1856.
- Rossi, Peter.**  
 90. Fauna Etrusca, etc., Liburni, 1790.  
 92. Mantissa Insectorum, Pisa, 1792-1794.
- Rousseau, E.**  
 09. Omophroninæ <Gen. Ins. fasc. 83, 1909, 5 pp., pl.  
 Lorocerinæ <Gen. Ins. fasc. 86, 1908.  
 Promecognathinæ <Gen. Ins. fasc. 84, 1908.
- Roy.**  
 03. Onthophagus nuchicornis in Can. <Le Nat. Can. XXX, 1903, p. 129.
- Rupertsberger, Mathias.**  
 75-78. Die Larven der Käfer <Verh. d. zool. bot. Ges. Wien, XXI, 1875;  
 XXIV, 1878.
80. Biologie der Käfer Europas, Linz, 1880, 295 pp.  
 94. Die biologische literatur über die Käfer Europas von 1880 an, Linz, 1894, 308 pp.
- Sachse, Johann C. R.**  
 52. Beschr. neuer Käfer (Staphylin.) <Stettiner Ent. Zeit. XIII, 1852, pp. 115-127;  
 142-149.
- Sagra, Ramon de la**, b. 1798.  
 56. Historia fisica, politica y natural . . de Cuba, VII, Paris, 1856, pp. 1-136.  
 (Coleoptera by Jacquelin du Val.)
- Sahlberg, Carl R.**  
 17. Dissertatio ent. insecta Fennica enum., Abo, I, 1817-1834 (Insecta Fennica).  
 Dissertatio ent. insecta Fennica enum., Abo, II, 1835-1839.
- Sahlberg, Reinhold F.**, b. 1811.  
 44. In Faunam ins. Ross. symbola, novas ad Ochotsk l. Carabiorum sp. s. <Acta Soc. Fennic., 1844.

- Sahlberg, John R.**, b. June, 1845; d. May 8, 1920.  
 70. Staphylinidæ <Not. Fn. Fl. Fenn. XI, 1870.  
 76. En. Col. brach. Fenn. 1876.  
 80. Bidrag till N. V. Sibiriens Insektf. <Kgl. Svenska Vetenskaps Ak. XVII, 1880, pp. 1-115.  
 85. Col. Vega Exp. <Vega-expeditions vetenskapliga iakttagelser, IV, 1885, pp. 43-71.  
 87. Bidrag till Tschuksh, etc. <Vega-expeditions vetenskapliga iakttagelser, IV, 1887, pp. 1-42.  
 John Sahlberg (by A. G. Böving) <Science, n. s. LII, 1920, pp. 216-217.
- Sallé, Auguste**, d. May 5, 1896.  
 74. Note syn. rel. à l'Amphizoa <Bull. Soc. Ent. France (5), IV, 1874, p. 222.  
 77. Note sur le genre Dromochorus <Bull. Soc. Ent. France, 1877, pp. VII-VIII.
- Samouelle, George**.  
 19. The entomologists useful compendium, etc., London, 1819.
- Sanborn Francis, G.**, b. Jan. 18, 1838; d. June 5, 1884.  
 68. Erirhinus juniperinus <Proc. Boston Soc. N. H. XII, 1868, p. 81.
- Sanderson, E. Dwight**, b. Sept. 25, 1878.  
 00. Obs. o. t. Larvæ of Donacia <Can. Ent. XXIII, 1900, pp. 249-263.  
 06. Texas Notes <Ent. News, XVII, 1906, pp. 210-213.
- Saulcy, Félicien**, b. 1807; d. 1880.  
 74. Pselaphidæ <Spec. II, 1874.
- Saunders, William W.**, b. June 4, 1809.  
 34. On the habits of some Indian Insects <Trans. Ent. Soc. Lond. I, 1834, pp. 60-66.  
 Insecta Saundersiana (see Jekel).  
 see also Laferté.
- Saunders, W.**, b. 1835; d. Sept. 13, 1914.  
 68. Entom. Notes during trip to Saguenay <Can. Ent. I, 1868, pp. 11-13.
- Saunders, Edward**, b. Mch. 22, 1848; d. Feb. 6, 1910.  
 71. Catalogus Buprestidarum, 1871.
- Say, Thomas**, b. July 27, 1787; d. Oct. 10, 1834.  
 17. American Entomology, Vol. I, No. 1, Philadelphia, 1817, 6 plates with text. (Forerunner of his celebrated three volume work.)  
 Desc. of several new sp. <Journ. Ac. N. S. Phila. I, 1817, pp. 19-23.  
 18. Mon. of the N. Am. . . Cicindela <Trans. Am. Philos. Soc. I, 1818, pp. 401-426, pl.  
 23. Desc. . . Carabici and Hydrocan. <Trans. Am. Philos. Soc. II, 1825, pp. 1-109.  
 23, 24. Desc. . . Exp. to Rocky Mts. <Journ. Ac. N. S. Phila. III, 1823, pp. 139-216, etc.  
 24. App. vol. II. Keating's Exp. to source of St. Peters Riv. under Maj. Long, Phila. 1824, pp. 268-378.  
 American Entomology, vol. I, Philadelphia, 1824, pl. 1-18.
25. American Entomology, vol. II, Philadelphia, 1825, pl. 19-36.  
 Explanation of terms used in Entom. 37 pp.  
 Desc. . . Exp. to Rocky Mts. <Journ. Ac. N. S. Phila. IV, 1825, pp. 88-99.  
 Desc. n. sp. Buprestis, etc. <Ann. Lyceum N. Y. 1825, I, pp. 249-268.  
 Desc. n. sp. Hister, etc. <Journ. Ac. N. S. Phila. V, 1825, pp. 32-47.  
 Desc. n. sp. Col. ins. <Journ. Ac. N. S. Phila. V, 1825, pp. 160-204, etc.
28. American Entomology, vol. III, Philadelphia, 1828, pl. 37-54.  
 30. Desc. of new N. Am. Ins. etc., New Harmony, pp. 65-67, 1830.  
 31. Desc. n. sp. Curculionites, New Harmony, 30 pg., 1831.  
 32. New sp. fd. by Barabino in La., New Harmony, 16 pg., 1832.  
 34. Desc. of new N. Am. Ins. etc., New Harmony, pp. 81-83, 1834.  
 35. Desc. new N. Am. Col. <Boston Journ. N. H. I, 1835, pp. 151-203.  
 39. Desc. new N. Am. Ins. <Trans. Am. Philos. Soc. VI, 1839, pp. 155-190.  
 Note on Capt. LeConte's paper <Cont. Maclurian Lyc. Arts & Sc. Phila. I.
59. Complete Writings ed. by Leconte, New York, 1859, 2 vols. (reprinted 1869, 1885, 1891).
- Schaeffer, Charles F. A.**, b. July 12, 1860.  
 01. Synopsis of sp. of Trechus <Bull. Am. Mus. N. H. XIV, 1901, p. 209-212, pl.  
 Psilopyga fasciata var.? <Journ. N. Y. Ent. Soc. IX, p. 86.  
 02. Notes on Derobrachus & Acanthocinus <Ent. News, XIII, 1902, pp. 235-236.  
 03. Two new Ptinidæ <Can. Ent. XXX, 1903, p. 263-264.  
 Characters of Ibidion <Journ. N. Y. Ent. Soc. XI, 1903, p. 113.  
 04. New gen. and sp. Coleoptera <Journ. N. Y. Ent. Soc. XII, 1904, pp. 197-236.  
 05. Additions to Col. of U. S. <Bull. Brooklyn Inst. I, 1905, pp. 124-140.  
 Three new sp. of gen. Statira <Journ. N. Y. Ent. Soc. XIII, 1905, pp. 179-181.  
 Some additional new gen. and sp. etc. <Bull. Br. Inst. I, 1905, pp. 141-179.  
 06. Two new Oncideres, etc. <Can. Ent. XXXIII, 1906, pp. 18-23.  
 Notes on some sp. Anomala <Journ. N. Y. Ent. Soc. XIV, 1906, pp. 1-5.  
 Four Ochodæus new to U. S. <Can. Ent. XXXVIII, 1906, pp. 269-272.  
 New Rhynchophora <Can. Ent. XXXVIII, 1906, pp. 339-344.  
 On Bradycinetus and Bolboceras <Trans. Am. Ent. Soc. XXXII, 1906, pp. 249-260.



**Schaeffer**

06. Six new Pselaphidæ  
New Anthribidæ  
New Dascyllidæ  
Field Work  
How Insects are protected  
07. On new . . . Chrysomelidæ  
New Bruchidæ  
New Scarabæidæ  
New Rhynchophora II  
Notes on Histeridæ  
A few new Bitoma, Colydiidæ  
08. List of Longhorns, Tex. Ariz.  
Insects and Ar. as carriers of disease  
On N. Am. and Cuban Copelatus  
New Coleop. (Histeridæ)  
List of Lampyridæ fr. Ariz.  
On . . . Coccinellidæ, Cleridæ  
New Rhynchophora III  
09. New Col. chiefly fr. Ariz.  
Four new Cerambycidæ  
Three Cuban Col. new to U. S.  
Change of Name  
10. Additions to Carabidæ of N. Am.  
New Clavicorn Col.  
11. New Col. and Misc. Notes  
Sphæridium bipustulatum  
12. Sphæridium bipustulatum  
New sp. of col. g. Collops  
Coccinella 11-punctata in Mass.  
Three new sp. Hister  
On Metachroma  
13. Household Insects  
Notes on . . . Rhizophagus  
On Scarites  
14. A short review of N. Am. Onthophagus  
15. New Col. and Misc. Notes II  
New Col. and Misc. Notes III  
Note on Tychius griseus  
Notes on Temnochilidæ  
16. New sp. of fam. Elateridæ  
New sp. of Throscidæ  
17. On some N. Am. Cleridæ  
On Merium and blue Callidium  
Notes on a few Eucnemidæ, etc.  
18. On Amblycheila  
On some gen. and sp. Ostomidæ  
Misc. Col. Notes and Desc.
- <Trans. Am. Ent. Soc. XXXII, 1906, pp. 261-266.  
<Trans. Am. Ent. Soc. XXXII, 1906, pp. 267-278  
<Psyche, XIII, 1906, pp. 114-116.  
<Brook. Mus. News, 1906, p. 49.  
<Brook. Mus. News, 1906, pp. 141-143.  
<Bull. Brook. Inst. I, 1907, pp. 221-253.  
<Bull. Brook. Inst. I, 1907, pp. 291-306.  
<Journ. N. Y. Ent. Soc. XV, 1907, pp. 60-75.  
<Journ. N. Y. Ent. Soc. XV, 1907, pp. 75-80.  
<Ent. News, XVIII, 1907, pp. 301-306.  
<Proc. Ent. Soc. Wash. VIII, 1907, pp. 136-141.  
<Bull. Brook. Inst. I, 1908, pp. 325-352.  
<Brook. Mus. News, 1908, pp. 74-77.  
<Journ. N. Y. Ent. Soc. XVI, 1908, pp. 16-18.  
<Ent. News, XIX, 1908, pp. 318-321.  
<Journ. N. Y. Ent. Soc. XVI, 1908, pp. 61-67.  
<Journ. N. Y. Ent. Soc. XVI, 1908, pp. 125-135.  
<Journ. N. Y. Ent. Soc. XVI, 1908, pp. 213-222.  
<Bull. Brook. Inst. I, 1909, pp. 375-386.  
<Journ. N. Y. Ent. Soc. XVII, 1909, pp. 99-102.  
<Journ. N. Y. Ent. Soc. XVII, 1909, pp. 148-150.  
<Ent. News, XX, 1909, p. 436.  
<Bull. Brook. Inst. I, 1910, pp. 391-405.  
<Journ. N. Y. Ent. Soc. XVIII, 1910, pp. 210-216.  
<Journ. N. Y. Ent. Soc. XIX, 1911, pp. 113-126.  
<Can. Ent. XLII, 1911, pp. 254-255.  
<Journ. N. Y. Ent. Soc. XX, 1912, pp. 68-69.  
<Can. Ent. XLIII, 1912, pp. 184-187.  
<Psyche, XIX, 1912, pp. 104-105.  
<Bull. Brook. E. S. VIII, 1912, pp. 26-27.  
<Bull. Brook. E. S. VIII, 1912, p. 25.  
<Brook. Mus. News, 1913, pp. 121-122.  
<Journ. N. Y. E. S. XXI, 1913, pp. 309-311.  
<Bull. Br. E. S. VIII, 1913, pp. 122-124.  
<Journ. N. Y. E. S. XXII, 1914, pp. 290-300.  
<Journ. N. Y. E. S. XXIII, 1915, pp. 47-55.  
<Journ. N. Y. E. S. XXIII, 1915, pp. 235-238.  
<Journ. N. Y. E. S. XXIII, 1915, pp. 197.  
<Journ. N. Y. E. S. XXIII, 1915, pp. 68-69.  
<Journ. N. Y. E. S. XXIV, 1916, pp. 256-267.  
<Bull. Br. E. S. XI, 1916, pp. 62-63.  
<Journ. N. Y. E. S. XXV, 1917, pp. 129-134.  
<Journ. N. Y. E. S. XXV, 1917, pp. 183-187.  
<Bull. Br. Ent. Soc. XII, 1917, pp. 39-44.  
<Journ. N. Y. E. S. XXVI, 1918, p. 116.  
<Journ. N. Y. E. S. XXVI, 1918, pp. 190-201.  
<Journ. N. Y. E. S. XXVI, 1918, pp. 211-215.
- Schaeffer, Jacob C.**, b. May 30, 1718; d. Jan. 5, 1790.  
66. Elementa Entomologica, Ratisbonæ, 1766.
- Schaller, Johann G.**, b. 1734; d. Apl. 9, 1813.  
83. Neue Insecten beschrieben  
<Schrift. naturf. Ges. Halle, I, 1783, pp. 217-328.
- Schaufuss, Camillo.**  
16. Sixth Edition Calwer's Käferbuch, Stuttgart, 1916, 2 vols., 1390 pp., pl.
- Schaufuss, L. W.**, b. Aug. 24, 1833; d. July 16, 1890.  
63. Euphoria texana  
<Sitz. Ges. Isis, 1863, p. 113.  
66. Mon. der Scydmaniden  
<Nov. Act. Leop. Carol. Nat. Curios, XXXIII, 1866, 103 pp., pl.  
70. Nunquam Otiosus, II, 1870.  
82. De Quibusdam Col. novis  
<Ann. Soc. Ent. Fr. (6), II, 1882, p. 43.  
86. Pselaphidæ  
<Tijdschr. Ent. XXIX, 1886, p. 283.  
87. Pselaphidæ  
<Tijdschr. Ent. XXX, 1887, p. 103.  
Pselaphidæ  
<Berlin Ent. Zeitschr. XXXI, 1887, p. 296.
- Schaum, Herman R.**, b. Apl. 29, 1819; d. Sept. 15, 1865.  
41. Analecta Entomologica, Halæ, 1841, 49 pgs.  
Symbolæ ad mon. Scydmanorum, Halis, 1841, repeats 31 pg. of above.  
Kritische Rev. Lamell. (w. Burmeister)  
<Germ. Zeitschr. III, 1841, pp. 353-420.  
60. Cic. Carab. Dytis. Gyr.  
<Naturgeschichte der Ins. Deutschlands, Berlin, 1860.  
63. Desc. Cychnus dissolutus  
<Berlin Ent. Zeitschr. 1863, p. 72.



**Schaupp, Franz G.**, d. Nov. 7, 1904.

78. List of Cicind. N. Y. also adds to Fla. List <Bull. Br. Ent. Soc. I, 1878, p. 28 and p. 34.  
Editor and author of many short articles on beetle larvæ, beetle collecting, synopses of Carabidæ, new publications, bibliography etc., all published in Bull. Brooklyn Ent. Soc.

Principal items are:

- Synoptic tables Carabidæ are in every volume. These were all bound together and issued with separate title page; 98 pp. not consecutively numbered.  
Desc. of larvæ <Bull. Br. Ent. Soc. I, 1878, pp. 1, 42.  
79. Desc. of larvæ <Bull. Br. Ent. Soc. II, 1879, p. 1, 13, 21, 29, pl.  
80. Desc. of larvæ <Bull. Br. Ent. Soc. III, 1880, pp. 17, 25, 88, 91, 93, pl.  
Bibliotheca Coleop. <Bull. Br. Ent. Soc. III, 1880, p. 64, 82, 90, 94, 100.  
81. Desc. of larvæ <Bull. Br. Ent. Soc. IV, 1881, pp. 9, 37, 56.  
Bibliotheca Coleop. <Bull. Br. Ent. Soc. IV, 1881, 8, 15, 24, 31, 36, 46.  
82. Bibliotheca Coleop. (Record for 1882) <Bull. Br. Ent. Soc. V, 1882, pp. 69-74.  
Desc. of larvæ <Bull. Br. Ent. Soc. V, 1882, pp. 2, 33, pl.  
83. Syn. tables Cicindelidæ <Bull. Br. Ent. Soc. VI, 1883, pp. 73, 85, 97, 121, pl.  
Obituary and Bibliog. Leconte <Bull. Br. Ent. Soc. VI, 1883, December.  
List of Carabidæ vic. N. Y. <Bull. Br. Ent. Soc. VI, 1883, pp. 29-32; 71-72.

**Schenckling, Sigmond**, b. July 11, 1865.

94. Nomenclator coleopterologicus, Frankfurt a/m, 1894.  
00. New N. Am. Cleridæ <D. E. Z. 1900, pp. 385-409.  
03. Cleridæ <Gen. Ins. fasc. 13, 1903, 124 pp., pl.  
10. Cleridæ <Junk Col. Cat. pars 23, 1910.  
11. Cebriionidæ <Junk Col. Cat. pars 25, 1911.  
15. Derodontidæ, Lymexylonidæ, etc. <Junk Col. Cat. pars 64, 1915.  
Oedemeridæ <Junk Col. Cat. pars 65, 1915.  
Descriptions <Ent. Mittheilungen, 1915, pp. 107-114.

**Schilsky, Julius**, b. Sept. 11, 1848; d. Aug. 17, 1912.

05. Bruchidæ <Käf. Eur. XLI, 1905, pp. 1-100.

**Schiödte, Johann G.**, b. Apl. 20, 1815; d. Apl. 22, 1884.

44. Förhandlingar . . . skand. ent. Selskab. <Kröyer Naturh. Tidskr. II, 1, 1844.  
47. Om Bupresternes, etc. <K. Dansk. Selsk. Förhandl. 1847, pp. 24 . . . 81.  
59. Uebersicht der . . . Arthrop. Grönlands <Berl. Ent. Zeitschr. III, 1859, pp. 134-157.  
61. De Metamorphosi Eleut. Obs. <Kröyer Naturh. Tidskr. I, 1862, pl.  
65. Class. Buprestidæ and Elater. <Kröyer Naturh. Tidskr. (3) III, 1865.  
83. De Metamorphosi Eleut. Obs. <Kröyer Naturh. Tidskr. cont'd to XII, 1883, pl.

**Schmelter, H.**

78. Practical Hints on Collecting Chrysomelidæ near N. Y. <Bull. Br. Ent. Soc. I, 1878, p. 17, 25, 33, 41.  
<Bull. Br. Ent. Soc. I, 1878, p. 55.

**Schmidt, A.**, b. June 28, 1856.

85. Best. Eur. Histeriden <Berl. Ent. Zeit. XXIX, 1885, pp. 279-330.  
90. Neue Histeriden <Ent. Nachrichten, 1890, pp. 91 and 39-46.  
93. Histeridæ des îles Séchelles (Halacritus) <Bull. Soc. Ent. Fr. 1893, p. CIII.  
10. Aphodiinæ, Aegialiinæ, Orphniinæ <Gen. Ins. fasc. 110, 1910, 155 pp. 3 pl.  
Aphodiinæ <Junk Col. Cat. pars 20, 1910.  
12. Aegialiinæ <Junk Col. Cat. pars 42, 1912.  
New Aphodii and Synonymy <Soc. Ent. Zurich, XXVI, 1912, p. 52.

**Schmidt-Goebel, Hermann M.**

46. Fauna Coleopterorum Birmaniae, Prag, 1846.

**Schmidt, Wilhelm L. E.**, b. May 4, 1804; d. June 5, 1843.

41. Revision der deutschen Anisotomen <Germar Zeitschr. Ent. III, 1841, pp. 130-202.  
46. Revision der Europ. Oedemeriden <Linnaea, I, 1846, pp. 1-147.

**Schneider, David N.**

91. Neues Magazin für Liebhaber der Ent. I, 1791.  
92. Neues Magazin für Liebhaber der Ent. II, III, IV, 1792.  
94. Neues Magazin für Liebhaber der Ent. V, 1794.

**Schönfeldt, H. von**, b. Nov. 16, 1840.

08. Brenthidæ <Genera Insectorum, fasc. 65, 1908, 88 pp., pl.  
10. Brenthidæ <Junk Col. Cat. pars 7, 1910.

**Schönherr, Carl J.**, b. June 10, 1772; d. Mch. 28, 1848.

09. Ent. Anm. för Svenska Fauna <Vetensk. Acad. Handl. XXX, 1809, pp. 48-58.  
06. Synonymia Insectorum I, 1, Stockholm, 1806, pp. 1-289.  
08. Synonymia Insectorum 2, Stockholm, 1808, pp. 1-423.  
17. Synonymia Insectorum 3, Skara, 1817, pp. 1-506.  
Synonymia Insectorum App. Skara, 1817, pp. 1-266.  
33. Genera et Sp. Curculionidum I, 1, Paris 1833, pp. 1-381.  
Genera et Sp. Curculionidum I, 2, Paris 1833, pp. 382-681.

## Schönherr

34. Genera et Sp. Curculionidum II, 1, Paris, 1834, pp. 1-326.  
 Genera et Sp. Curculionidum II, 2, Paris, 1834, pp. 327-669.
36. Genera et Sp. Curculionidum III, 1, Paris, 1836, pp. 1-505.  
 Genera et Sp. Curculionidum III, 2, Paris, 1836, pp. 506-858.
37. Genera et Sp. Curculionidum IV, 1, Paris, 1837, pp. 1-600.
38. Genera et Sp. Curculionidum IV, 2, Paris, 1838, pp. 601-1121.
39. Genera et Sp. Curculionidum V, 1, Paris, 1839, pp. 1-456.
40. Genera et Sp. Curculionidum V, 2, Paris, 1840, pp. 457-970.  
 Genera et Sp. Curculionidum VI, 1, Paris, 1840, pp. 1-474.
42. Genera et Sp. Curculionidum VI, 2, Paris, 1842, pp. 1-495.
43. Genera et Sp. Curculionidum VII, 1, Paris, 1843, pp. 1-479.  
 Genera et Sp. Curculionidum VII, 2, Paris, 1843, pp. 1-461.
44. Genera et Sp. Curculionidum VIII, 1, Paris, 1844, pp. 1-442.
45. Genera et Sp. Curculionidum VIII, 2, Paris, 1845, pp. 1-504.
47. Mantissa Sp. Curculionidum Holmiæ, 1847, pp. 1-86.
- Schrank, Franz von Paula**, b. Aug. 21, 1747; d. Dec. 23, 1835.
81. Enumeratio insectorum Austriæ ind., 1781.
- Schwarz Eugene Amandus**, b. Apl. 21, 1844.
76. List of Col. coll. in Michigan in 1874 <Psyche, I, 1876, pp. 145-148.  
 On some Col. fr. Fla. <Psyche, I, 1876, pp. 154-155.
78. Coleop. of Florida (w. Leconte) <Proc. Am. Philos. Soc. XVII, 1878, pp. 353-472.  
 Coleop. of Michigan (w. Hubbard and Leconte) <Proc. Am. Philos. Soc. XVII, 1878, pp. 593-669.
80. Diseases of Chaulionathus larvæ <Amer. Ent. N. S. I, (III), 1880, p. 277.
82. Wood boring Coleoptera <Amer. Nat. XVI, 1882, pp. 823-824.
83. Insects affecting drugs <Can. Ent. XV, 1883, p. 140.  
 Injury by Colaspis tristis <Am. Nat. XVII, 1883, p. 978.  
 Col. infesting prickly ash <Am. Nat. XVII, 1883, pp. 1288-1289.
84. Habits of Blaps and Embaphion <Am. Nat. XVIII, 1884, p. 76.  
 Carabidæ confined to single plants <Bull. Brooklyn E. S. VI, 1884, pp. 135-136.  
 Food Habits of Rhynchophora <Bull. Brooklyn E. S. VII, 1884, pp. 84-85.  
 On Corylophodes <Ent. Am. I, 1884, p. 196.  
 On Cremastochilus <Ent. Am. I, 1884, p. 188.
85. Note on Montane beetles <Science, V, 1885, p. V.  
 Mandibular append. Epicærus <Science, V, 1885, p. V.
86. Onychial seta in Quedius <Proc. Ent. Soc. Washington, I, 1886, p. 9.  
 Complexity of faunal regions in N. Am. <Proc. Ent. Soc. Washington, I, 1886, p. 10.  
 Orchestes betuleti on B. nigra <Proc. Ent. Soc. Washington, I, 1886, p. 11.  
 Resemblance of Eleusis and Ino <Proc. Ent. Soc. Washington, I, 1886, p. 11.  
 Heilipus squamosus in Ga. <Proc. Ent. Soc. Washington, I, 1886, p. 13.  
 Differences due to immaturity <Proc. Ent. Soc. Washington, I, 1886, p. 14.  
 Parasitism in Coleoptera <Proc. Ent. Soc. Washington, I, 1886, p. 16.  
 Dipterous facies of Cardiophorus larva <Proc. Ent. Soc. Washington, I, 1886, p. 17.  
 Rhopalopus sanguinicollis <Proc. Ent. Soc. Washington, I, 1886, p. 27.  
 Epicærus imbricatus <Proc. Ent. Soc. Washington, I, 1886, p. 29.  
 Rhagium lineatum <Proc. Ent. Soc. Washington, I, 1886, p. 29.  
 Hickory Scolytus not rugulosus <Proc. Ent. Soc. Washington, I, 1886, p. 30.  
 Remarks on N. Am. Scolytids <Ent. Amer. II, 1886, pp. 40-42, 54-56.  
 Secondary Sexual Characters <Ent. Amer. II, 1886, pp. 137-139.  
 Leptura variicornis <Ent. Amer. II, 1886, p. 161.
88. Calandrid boring in roots of fern <Proc. Ent. Soc. Wash., I, 1888, p. 34.  
 Maritime Calandrids <Proc. Ent. Soc. Wash., I, 1888, p. 36.  
 Secondary Sexual char. in Col. <Proc. Ent. Soc. Wash., I, 1888, p. 41.  
 Rhyncolus and Gnathotrichus <Proc. Ent. Soc. Wash., I, 1888, p. 44.  
 No. Amer. Scolytids <Proc. Ent. Soc. Wash., I, 1888, pp. 44, 48, 55, 80.  
 Stridulation in Harpalus, etc. <Proc. Ent. Soc. Wash., I, 1888, pp. 51, 54, 77.  
 Flattening of ♂ palpi Hydrophilus <Proc. Ent. Soc. Wash., I, 1888, pp. 51, 54.  
 Odor of Scarabæid pupa and imago <Proc. Ent. Soc. Wash., I, 1888, p. 55.  
 Chaetocœlus setosus in D.C. <Proc. Ent. Soc. Wash., I, 1888, p. 55.  
 Amblycheila and Leptura <Proc. Ent. Soc. Wash., I, 1888, p. 58.  
 Spreading of Asparagus beetle <Proc. Ent. Soc. Wash., I, 1888, p. 58.  
 Phengodes ♂ among grass roots <Proc. Ent. Soc. Wash., I, 1888, p. 63.  
 On the genus Phytobius <Proc. Ent. Soc. Wash. I, 1888, pp. 75-76.  
 Secondary Sex. Char. Anaspis <Proc. Ent. Soc. Wash. I, 1888, p. 76.  
 In Memoriam Thomas Say <Proc. Ent. Soc. Wash. I, 1888, p. 81.  
 Collecting at Key West in April <Proc. Ent. Soc. Wash. I, 1888, pp. 89-90, 93-94.  
 Dysmerus close to Læmophlœus <Proc. Ent. Soc. Wash. I, 1888, p. 95.  
 Insects found on Uniola in Fla. <Proc. Ent. Soc. Wash. I, 1888, pp. 104-107.  
 Notes on Florida Col. <Proc. Ent. Soc. Wash. I, 1888, pp. 112-113.  
 Phloeosinus liminaris not on Elm <Proc. Ent. Soc. Wash. I, 1888, p. 113.



## Schwarz

88. A few corrections to Henshaw list  
A voice fr. the Wilderness (w. Smith)  
Ins. fauna of semi-tropical Fla.  
Sphenophorus obscurus  
89. Xyleborus pyri and allied sp.  
Semi-tropical Fla. Col.  
On the types of Tomicus liminaris  
Termitophilous Col.  
Food Habits of N. Am. Scolytids  
Col. fr. St. Augustine, Fla.  
Entom. in Garcilasso  
Coleopterological Notes  
Enumeration of pub. syn. cat. and lists  
90. Col. common to N. Am. and other lands  
Hairy or naked eyes in Col.  
Swarming of Col.  
Comparative Vitality of ins. in cold water  
Stray Notes on inj. ins. in semi-trop. Fla.  
Lasioderma serricorne  
Food plants and Food habits . . . Col.  
Myrmecophilous Col.  
Sudden spread of a new En. to Clover  
Secondary ♂ char. Lymexylon  
Beetles breeding in Opuntia  
Cyrtomerus pilicornis in Fla.  
Nomenclature of Blister Beetles  
Dermestid beetles inf. Museums  
On Otiorhynchidæ  
91. No. Am. Publ. on Entom.  
Blind Coleoptera  
Lathridius nodifer in D.C.  
Actinopteryx fucicola in Va.  
Arrhipis lanieri in Fla.  
Probatius umbratilis in Fla.  
Secondary Sex. Char. Teretriosoma  
Ochthebius rare eastward  
Labeling specimens  
Lachnosterna  
Food Habits of Xyleborus  
Scolytids on burned areas  
Choragus nitens  
Acoptus suturalis  
Col. on black locust  
Breeding Habits of Scolytids  
Tachys incurvus  
Deformed palpus in Carabus  
Corthylus n. sp. (and punctatissimus)  
Phytophagic Dung beetles  
On habits of Aleochara  
Injurious ins. of Utah  
Ins. fauna Great Salt Lake  
92. West Indian Col.  
Casnonia ludoviciana in swamps  
Note on Phytobius  
A correction  
Congregation of Coccinellidæ  
Bifurcation of antennæ  
Food habits of some Halticids  
Charistena, Bagous, Sphærius, etc.  
Arctic subregions  
Melolontha and Lachnosterna  
Xanthonia ♂ femoral tooth  
Verdigris on Col.  
Hylesinus sericeus  
Monomma, Aspathines, etc.  
Time of flight in Lachnosterna  
Ann. Address Pres. Ent. Club AAAS.  
Scientific Manual of No. Am. Ins.  
Mordellistena, tarsal ridges  
Collecting Coleoptera  
<Ent. Amer. III, 1888, pp. 13-14.  
<Ent. Amer. III, 1888, p. 39.  
<Ent. Amer. IV, 1888, p. 165.  
<Insect Life, vol. 1, 1888, p. 187.  
<Proc. Ent. Soc. Wash. I, 1889, pp. 138-139.  
<Proc. Ent. Soc. Wash. I, 1889, pp. 145-146.  
<Proc. Ent. Soc. Wash. I, 1889, p. 149.  
<Proc. Ent. Soc. Wash. I, 1889, pp. 160-161.  
<Proc. Ent. Soc. Wash. I, 1889, pp. 163-165.  
<Proc. Ent. Soc. Wash. I, 1889, pp. 169-171.  
<Proc. Ent. Soc. Wash. I, 1889, pp. 171-173.  
<Proc. Ent. Soc. Wash. I, 1889, pp. 174-177.  
<Bull. 19, Div. Ent. 1889, pp. 1-77.  
<Proc. Ent. Soc. Wash. I, 1890, pp. 182-194.  
<Proc. Ent. Soc. Wash. I, 1890, p. 197.  
<Proc. Ent. Soc. Wash. I, 1890, p. 207.  
<Proc. Ent. Soc. Wash. I, 1890, pp. 208-215.  
<Proc. Ent. Soc. Wash. I, 1890, pp. 221-225.  
<Proc. Ent. Soc. Wash. I, 1890, pp. 225-226.  
<Proc. Ent. Soc. Wash. I, 1890, pp. 231-233.  
<Proc. Ent. Soc. Wash. I, 1890, pp. 237-247.  
<Proc. Ent. Soc. Wash. I, 1890, pp. 248-249.  
<Proc. Ent. Soc. Wash. I, 1890, p. 251.  
<Proc. Ent. Soc. Wash. I, 1890, p. 252.  
<Proc. Ent. Soc. Wash. I, 1890, p. 267.  
<Insect Life, II, 1890, p. 288.  
<Insect Life, III, 1890, pp. 34-35.  
<Insect Life, III, 1890, pp. 37-38.  
<Proc. Ent. Soc. Wash. II, 1891, pp. 5-23.  
<Proc. Ent. Soc. Wash. II, 1891, pp. 23-26.  
<Proc. Ent. Soc. Wash. II, 1891, p. 39.  
<Proc. Ent. Soc. Wash. II, 1891, p. 39.  
<Proc. Ent. Soc. Wash. II, 1891, p. 39.  
<Proc. Ent. Soc. Wash. II, 1891, p. 39.  
<Proc. Ent. Soc. Wash. II, 1891, p. 39.  
<Proc. Ent. Soc. Wash. II, 1891, p. 40.  
<Proc. Ent. Soc. Wash. II, 1891, pp. 46-50.  
<Proc. Ent. Soc. Wash. II, 1891, p. 61.  
<Proc. Ent. Soc. Wash. II, 1891, pp. 62-64.  
<Proc. Ent. Soc. Wash. II, 1891, p. 65.  
<Proc. Ent. Soc. Wash. II, 1891, p. 69.  
<Proc. Ent. Soc. Wash. II, 1891, p. 70.  
<Proc. Ent. Soc. Wash. II, 1891, pp. 73-76.  
<Proc. Ent. Soc. Wash. II, 1891, pp. 77-80.  
<Proc. Ent. Soc. Wash. II, 1891, p. 88.  
<Proc. Ent. Soc. Wash. II, 1891, p. 100.  
<Proc. Ent. Soc. Wash. II, 1891, pp. 109-115.  
<Insect Life, III, 1891, pp. 484-485.  
<Insect Life, IV, 1891, p. 27.  
<Insect Life, IV, 1891, p. 74.  
<Can. Ent. vol. 23, 1891, pp. 233-241.  
<Proc. Ent. Soc. Wash. II, 1892, p. 147.  
<Proc. Ent. Soc. Wash. II, 1892, p. 163.  
<Proc. Ent. Soc. Wash. II, 1892, pp. 165-167.  
<Proc. Ent. Soc. Wash. II, 1892, pp. 167-168.  
<Proc. Ent. Soc. Wash. II, 1892, p. 170.  
<Proc. Ent. Soc. Wash. II, 1892, p. 181.  
<Proc. Ent. Soc. Wash. II, 1892, pp. 182-184.  
<Proc. Ent. Soc. Wash. II, 1892, p. 186.  
<Proc. Ent. Soc. Wash. II, 1892, p. 200.  
<Proc. Ent. Soc. Wash. II, 1892, p. 217.  
<Proc. Ent. Soc. Wash. II, 1892, p. 220.  
<Proc. Ent. Soc. Wash. II, 1892, pp. 220-223.  
<Proc. Ent. Soc. Wash. II, 1892, p. 239.  
<Proc. Ent. Soc. Wash. II, 1892, p. 241.  
<Proc. Ent. Soc. Wash. II, 1892, pp. 241-244.  
<Can. Ent. XXIV, 1892, pp. 213-224.  
<Insect Life, V, 1892, p. 132.  
<Proc. Ent. Soc. Wash. 2, 1892, p. 324.  
<U. S. Nat. Mus. Bull. 39, pt. F, 1892, pp. 43-50.



## Schwarz

93. Silpha on growing plants  
Florida Carabidae on trees  
Securiform palpi of *Amphichroum* ♂  
Report on *Crepidodera rufipes*  
94. *Silpha lapponica* injurious  
Mordcellistena, tibial ridges  
Prodigality of ins. life in Michigan  
A parasitic Scolytid  
Hitherto unknown Amer. Col.  
Ovipositor of *Donacia*  
Mortality among Scolytids  
Malformation of tibiae  
*Sphaerius gibbioides*  
Desc. of Two *Rhynchophora* fr. Fla.  
*Gononotus angulicollis*  
Terra incognita on Coast of N. Am.  
Note on *Hylesinus sericeus*  
(beetles with) San Jose Scale in Va.  
95. Termit. and Myrmecoph. Col.  
*Serropalpus* and *Lymexylon*  
*Laboulbeniaceae* on *Pterostichus*  
*Argopistes*-Africa and Fla.  
Hasty generalization  
Melsheimer's Cat. Col. of Penn.  
Desc. pine-cone inh. Scolytid  
*Aramigus fulleri*  
*Cryptorhopalum triste*  
*Phloeotribus* on *Broussonetia*  
*Oxyporus 5-punctatus*  
Col. fauna of Alaska  
*Xyleborus perforans*  
Species of *Lymexylon* not congeneric  
*Cicindela striga* in Fla.  
Dist. of cosmopolitan beetles  
More broods caused by greater heat  
Gray's law  
Desc. and Syn. of *Nomaretus*  
Insect food of the Crow  
Are Tumble Bugs beneficial?  
An imported library pest  
A new furniture pest  
96. *Trigonogenius faretus*  
Semi-tropical Texas  
*Pharaxonotha kirschi* in Tex.  
Distrib. Col. in B. C.  
Col. in red pepper at Vanc.  
Yellow spots in tobacco leaves  
Development of scales in *Rhynchophora*  
Curculion. bred fr. *Xanthoxylum*  
Canthon impaled by Shrike  
Atimia attacks juniper in D.C.  
*Lachnosterna cribrosa*, habits  
*Pasimachus* called "shear-bug"  
Ins. of Mesquite and Cactus  
Remarks on syn. N. A. Scolytids  
98. *Eleusis pallida* in old graves  
*Attagenus schaefferi* in Wyom.  
*Lathridius hirtus* in Mont.  
*Cartodere watsoni* in D.C.  
A new cave inh. Silphid  
*Nicotheus* a syn. of *Eutyphlus*  
*Trechus* blind in catacombs Paris  
*Lasioderma* does not breed north  
Use of non-morpholog. characters  
Spadic invasion *Dendroctonus*  
Pliny not a naturalist  
Varying conception of "species"  
Wing pads in larvæ  
Geog. Distrib. of parasites  
Palm Springs, Cal. beetles  
<Proc. Ent. Soc. Wash. II, 1893, p. 395.  
<Proc. Ent. Soc. Wash. II, 1893, p. 396.  
<Proc. Ent. Soc. Wash. II, 1893, p. 396.  
<Insect Life, V, 1893, pp. 334-338.  
<Proc. Ent. Soc. Wash. III, 1894, p. 9.  
<Proc. Ent. Soc. Wash. III, 1894, p. 15.  
<Proc. Ent. Soc. Wash. III, 1894, p. 13.  
<Proc. Ent. Soc. Wash. III, 1894, pp. 15-16.  
<Proc. Ent. Soc. Wash. III, 1894, p. 17.  
<Proc. Ent. Soc. Wash. III, 1894, pp. 24-26.  
<Proc. Ent. Soc. Wash. III, 1894, p. 27.  
<Proc. Ent. Soc. Wash. III, 1894, p. 39.  
<Proc. Ent. Soc. Wash. III, 1894, p. 39.  
<Proc. Ent. Soc. Wash. III, 1894, pp. 42-45.  
<Proc. Ent. Soc. Wash. III, 1894, p. 53.  
<Proc. Ent. Soc. Wash. III, 1894, p. 72.  
<Insect Life, VII, 1894, p. 254.  
<Insect Life, VI, 1894, pp. 247-252.  
<Proc. Ent. Soc. Wash. III, 1895, pp. 73-78.  
<Proc. Ent. Soc. Wash. III, 1895, p. 83.  
<Proc. Ent. Soc. Wash. III, 1895, p. 94.  
<Proc. Ent. Soc. Wash. III, 1895, p. 94.  
<Proc. Ent. Soc. Wash. III, 1895, p. 128.  
<Proc. Ent. Soc. Wash. III, 1895, pp. 134-138.  
<Proc. Ent. Soc. Wash. III, 1895, pp. 143-145.  
<Proc. Ent. Soc. Wash. III, 1895, p. 145.  
<Proc. Ent. Soc. Wash. III, 1895, p. 146.  
<Proc. Ent. Soc. Wash. III, 1895, p. 146.  
<Proc. Ent. Soc. Wash. III, 1895, p. 147.  
<Proc. Ent. Soc. Wash. III, 1895, p. 170.  
<Proc. Ent. Soc. Wash. III, 1895, p. 171.  
<Proc. Ent. Soc. Wash. III, 1895, p. 181.  
<Proc. Ent. Soc. Wash. III, 1895, p. 194.  
<Proc. Ent. Soc. Wash. III, 1895, p. 226.  
<Proc. Ent. Soc. Wash. III, 1895, p. 230.  
<Proc. Ent. Soc. Wash. III, 1895, p. 253.  
<Proc. Ent. Soc. Wash. III, 1895, pp. 269-293.  
<Bull. 6, Div. Ornithology, 1895, pp. 57-67.  
<Insect Life, VII, 1895, pp. 358-359.  
<Insect Life, VII, 1895, pp. 396-398.  
<Insect Life, VII, 1895, pp. 419-420.  
<Can. Ent. XXVIII, 1896, pp. 177-178.  
<Proc. Ent. Soc. Wash. IV, 1896, pp. 1-3.  
<Proc. Ent. Soc. Wash. IV, 1896, p. 29.  
<Proc. Ent. Soc. Wash. IV, 1896, p. 31.  
<Proc. Ent. Soc. Wash. IV, 1896, p. 32.  
<Proc. Ent. Soc. Wash. IV, 1896, p. 33.  
<Proc. Ent. Soc. Wash. IV, 1896, p. 34.  
<Proc. Ent. Soc. Wash. IV, 1896, p. 35.  
<Proc. Ent. Soc. Wash. IV, 1896, p. 37.  
<Proc. Ent. Soc. Wash. IV, 1896, p. 44.  
<Proc. Ent. Soc. Wash. IV, 1896, p. 44.  
<Proc. Ent. Soc. Wash. IV, 1896, p. 47.  
<Proc. Ent. Soc. Wash. IV, 1896, p. 48.  
<Proc. U. S. Nat. Mus. 18, 1896, pp. 605-610.  
<Proc. Ent. Soc. Wash. IV, 1898, p. 51.  
<Proc. Ent. Soc. Wash. IV, 1898, p. 52.  
<Proc. Ent. Soc. Wash. IV, 1898, p. 52.  
<Proc. Ent. Soc. Wash. IV, 1898, p. 52.  
<Proc. Ent. Soc. Wash. IV, 1898, pp. 57-58.  
<Proc. Ent. Soc. Wash. IV, 1898, p. 59.  
<Proc. Ent. Soc. Wash. IV, 1898, p. 59.  
<Proc. Ent. Soc. Wash. IV, 1898, p. 63.  
<Proc. Ent. Soc. Wash. IV, 1898, pp. 74-75.  
<Proc. Ent. Soc. Wash. IV, 1898, p. 81.  
<Proc. Ent. Soc. Wash. IV, 1898, p. 122.  
<Proc. Ent. Soc. Wash. IV, 1898, p. 122.  
<Proc. Ent. Soc. Wash. IV, 1898, p. 123.  
<Proc. Ent. Soc. Wash. IV, 1898, p. 139.  
<Proc. Ent. Soc. Wash. IV, 1898, p. 171.

## Schwarz

99. Obituary of Martin L. Linell  
Pin holes in timber  
*Cylidrella mollis* in Ariz.  
Undesc. Scolytid in *Parkinsonia*  
*Latheticus* sp. under bark Mesquite  
Faunistic value of diff. groups  
*Telegeusis* (n. sp.?) in Ariz.  
Parasites of *Lachnosterna*  
Morrison's "Sonora," probably Ariz.  
*Lissomelas flohri* in Ariz.  
*Cychrus mexicanus* in Ariz.  
*Hæmatochiton elateroides* in Ariz.  
*Bothrideres* sp. in *Cactophagus* cocoon  
*Pseudomus inflatus* bred fr. sea-grape  
*Thrincopyge* in Ariz. bear grass  
Superior size of larva  
Ariz. ins. begin w. rain in July  
Apparent mimicry in *Lycus*  
*Lycus* larvæ congregating  
Complexity of life zones in Ariz.  
Scolytidæ of Ariz.  
Feeding punctures Scol. in circ. rows  
Ins. etc. of Commander Is.  
List Ins. Pribilof Isl.  
<Proc. Ent. Soc. Wash. IV, 1899, pp. 177-180.  
<Proc. Ent. Soc. Wash. IV, 1899, p. 185.  
<Proc. Ent. Soc. Wash. IV, 1899, p. 187.  
<Proc. Ent. Soc. Wash. IV, 1899, p. 187.  
<Proc. Ent. Soc. Wash. IV, 1899, p. 187.  
<Proc. Ent. Soc. Wash. IV, 1899, p. 193.  
<Proc. Ent. Soc. Wash. IV, 1899, p. 197.  
<Proc. Ent. Soc. Wash. IV, 1899, p. 199.  
<Proc. Ent. Soc. Wash. IV, 1899, p. 209.  
<Proc. Ent. Soc. Wash. IV, 1899, p. 209.  
<Proc. Ent. Soc. Wash. IV, 1899, p. 216.  
<Proc. Ent. Soc. Wash. IV, 1899, p. 263.  
<Proc. Ent. Soc. Wash. IV, 1899, p. 293.  
<Proc. Ent. Soc. Wash. IV, 1899, p. 294.  
<Proc. Ent. Soc. Wash. IV, 1899, p. 336.  
<Proc. Ent. Soc. Wash. IV, 1899, p. 338.  
<Proc. Ent. Soc. Wash. IV, 1899, p. 338.  
<Proc. Ent. Soc. Wash. IV, 1899, p. 339.  
<Proc. Ent. Soc. Wash. IV, 1899, p. 340.  
<Proc. Ent. Soc. Wash. IV, 1899, p. 341.  
<Proc. Ent. Soc. Wash. IV, 1899, p. 342.  
<Proc. Ent. Soc. Wash. IV, 1899, p. 344.  
<Asiatic Fur Seals Islds. IV, App. pp. 328-335.  
<(Jordan, Fur Seal & Fur Seal Islands of Nor.  
Pacific, pt. 3, 1899, pp. 547-554)
00. Col. of Harriman Alaska Exp.
01. *Platynus albipes* in Maine  
Luminosity of Lampyrid larvæ  
Biography of H. G. Hubbard  
Entom. Writings of H. G. Hubbard  
Longevity of *Cactopinus hubbardi*  
Trilobite resemblance of Col. larvæ  
*Chrysina beckeri* in Ariz.  
Ins. fauna of Mistletoe  
Value of color in diff. groups  
Col. in Spanish Moss (*Tillandsia*)  
Col. in wild grape in Ariz.  
*Brachytarsus* att. *Leucanium* scale  
On genitalia  
Breeding habits of *Carpophilus*  
"Sawdust" of wood borers  
New sp. Cactus Insects  
<Proc. Wash. Ac. Sci. II, 1900, pp. 523-537.  
<Ent. News, 1901, p. 62.  
<Proc. Ent. Soc. Wash. IV, 1901, p. 348.  
<Proc. Ent. Soc. Wash. IV, 1901, pp. 350-356.  
<Proc. Ent. Soc. Wash. IV, 1901, pp. 356-360.  
<Proc. Ent. Soc. Wash. IV, 1901, p. 368, 431.  
<Proc. Ent. Soc. Wash. IV, 1901, p. 370.  
<Proc. Ent. Soc. Wash. IV, 1901, p. 379.  
<Proc. Ent. Soc. Wash. IV, 1901, pp. 392-394.  
<Proc. Ent. Soc. Wash. IV, 1901, p. 392.  
<Proc. Ent. Soc. Wash. IV, 1901, p. 394.  
<Proc. Ent. Soc. Wash. IV, 1901, p. 397.  
<Proc. Ent. Soc. Wash. IV, 1901, p. 405.  
<Proc. Ent. Soc. Wash. IV, 1901, p. 410.  
<Proc. Ent. Soc. Wash. IV, 1901, p. 431.  
<Proc. Ent. Soc. Wash. IV, 1901, p. 432.  
<Psyche, VIII, Suppl. I, 1901, pp. 8-14.
02. Col. of Semi-tropical Florida  
*Exochomus plagiatus* in Ariz.  
Scolytid workings in Ariz.  
Myrmecophilous Staph. in N. M.  
*Balaninus*  
<Proc. Ent. Soc. Wash. V, 1902, p. 39.  
<Proc. Ent. Soc. Wash. V, 1902, p. 40.  
<Proc. Ent. Soc. Wash. V, 1902, p. 32.  
<Proc. Ent. Soc. Wash. V, 1902, p. 32.  
<Proc. Ent. Soc. Wash. V, 1902, p. 1.  
<Proc. Ent. Soc. Wash. V, 1903, p. 102.  
<Proc. Ent. Soc. Wash. V, 1903, p. 110.  
<Proc. Ent. Soc. Wash. V, 1903, p. 135.  
<Proc. Ent. Soc. Wash. V, 1903, p. 137.  
<Proc. Ent. Soc. Wash. V, 1903, p. 137.  
<Proc. Ent. Soc. Wash. V, 1903, p. 161.  
<Proc. Ent. Soc. Wash. V, 1903, pp. 286-289.
03. *Dorcus* covered by mites  
*Cicindela striga* in Fla.  
Insect eggs under bark of pine stump  
Argopistes on dodder in Fla.  
*Nemognatha* paras. on *Anthidium*  
*Trigonogenius faretus* and *globulum*  
A Letter from Cuba  
<Proc. Ent. Soc. Wash. VI, 1904, pp. 13-16.  
<Proc. Ent. Soc. Wash. VI, 1904, p. 7.  
<Proc. Ent. Soc. Wash. VI, 1904, p. 22.  
<Proc. Ent. Soc. Wash. VI, 1904, p. 22.  
<Proc. Ent. Soc. Wash. VI, 1904, p. 23.  
<Proc. Ent. Soc. Wash. VI, 1904, p. 43.  
<Proc. Ent. Soc. Wash. VI, 1904, p. 124.  
<Proc. Ent. Soc. Wash. VI, 1904, p. 11.  
<Proc. Ent. Soc. Wash. VI, 1904, pp. 13-17.  
<Proc. Ent. Soc. Wash. VI, 1904, p. 21.  
<Proc. Ent. Soc. Wash. VI, 1904, pp. 118-119.
04. Cotton-Boll Weevil in Cuba  
*Eurypepla* and *Anthon. varipes* in Fla.  
*Dendrobias* destroying posters  
*Leoniana* and *Hornia*  
Fauna of Plummer's Island  
West Indian Coleoptera  
Isolated mountains of Ariz.  
Hormops in D.C.  
Cotton Boll Weevil in Cuba  
*Diaxenes dendrobii* on orchids  
A new Cocc. en. of San Jose Scale  
<Proc. Ent. Soc. Wash. VII, 1905, pp. 5-9.  
<Proc. Ent. Soc. Wash. VII, 1906, p. 1.  
<Proc. Ent. Soc. Wash. VII, 1905, p. 24.
05. Insect Catching Grass of Cuba  
Gundlach Cuban Catalogue  
*Niptus hololeucus* in Canada  
*Cylas formicarius* in Tex.  
<Proc. Ent. Soc. Wash. VII, 1905, p. 26.



**Schwarz**

06. Theodosia from Borneo  
Attelabus rolls preserved by Pratt <Proc. Ent. Soc. Wash. VII, 1906, p. 102.  
<Proc. Ent. Soc. Wash. VII, 1906, p. 131.
07. San Francisco disaster  
Notes on Guatemala <Proc. Ent. Soc. Wash. VIII, 1907, p. 100.  
Photographs of type localities <Proc. Ent. Soc. Wash. VIII, 1907, p. 104.  
Col. fauna of Guatemala <Proc. Ent. Soc. Wash. VIII, 1907, p. 106.  
<Proc. Ent. Soc. Wash. VIII, 1907, p. 116.
08. Hilipus in camphor trees <Proc. Ent. Soc. Wash. IX, 1908, p. 15.  
Ignotus aenigmaticus <Proc. Ent. Soc. Wash. IX, 1908, p. 19.  
Spread of introduced species <Proc. Ent. Soc. Wash. IX, 1908, p. 114.  
Epimetopus <Proc. Ent. Soc. Wash. IX, 1908, p. 115.  
Adistemia watsoni in herbaria <Proc. Ent. Soc. Wash. X, 1908, p. 4.  
Pepper weevil, Anth. eugenii, etc. <Proc. Ent. Soc. Wash. X, 1908, p. 5.  
Adetus reared from cucurbitaceae <Proc. Ent. Soc. Wash. X, 1908, p. 61.  
Dynastes (with photo by Barber) <Proc. Ent. Soc. Wash. X, 1908, p. 70, pl.  
Berlese sifting machine <Proc. Ent. Soc. Wash. X, 1908, p. 71.  
Aramigus fulleri native to Chili? <Proc. Ent. Soc. Wash. IX, 1908, p. 74.
09. Rhipidius pectinicornis <Proc. Ent. Soc. Wash. X, 1909, p. 162.  
Illus. l. h. Sawfly Hylotoma pectoralis <Proc. Ent. Soc. Wash. XI, 1909, pp. 106-108.  
Collecting Coleoptera <U. S. Nat. Mus. Bull. 67, 1909, pp. 76-86.  
(republished from 1892)
10. Death of Henry Ulke <Proc. Ent. Soc. Wash. XII, 1910, pp. 105-111.  
Clay balls from Egyptian Copris <Proc. Ent. Soc. Wash. XI, 1910, p. 196.
11. Collecting at Panama <Proc. Ent. Soc. Wash. XIII, 1911, p. 193.  
Death of D. H. Clemons <Proc. Ent. Soc. Wash. XIII, 1911, pp. 66-67.  
Number species Coleopt., Increase <Proc. Ent. Soc. Wash. XIII, 1911, p. 192.  
Batocera rubus in W. I. <Proc. Agr. Soc. Trinidad, vol. II, 1911, pt. 7.
12. Importance of local lists <Proc. Ent. Soc. Wash. XIV, 1912, p. 90.  
The genus Heilipus <Proc. Ent. Soc. Wash. XIV, 1912, p. 183.  
Insects at light <Proc. Ent. Soc. Wash. XIV, 1912, p. 190.  
Secondary Sexual Characters <Proc. Ent. Soc. Wash. XIV, p. 203.  
Typophorus canellus <Proc. Ent. Soc. Wash. XIV, p. 212.
13. Macrochætæ in Col. <Proc. Ent. Soc. Wash. XV, 1913, p. 29.  
Anth. irroratus = costulatus Suffr. <Proc. Ent. Soc. Wash. XV, 1913, p. 43.  
Catorama tabaci in U. S. <Proc. Ent. Soc. Wash. XV, 1913, p. 89.
14. Aquatic Col. in hot springs, Ariz. <Proc. Ent. Soc. Wash. XVI, 1914, pp. 163-168.  
Notes on Rhipidandri (w. Barber) <Proc. Ent. Soc. Wash. XVI, 1914, pp. 175-177.  
Adalia sanguinea and munda <Proc. Ent. Soc. Wash. XV, 1914, p. 161.  
Chalcolepidius, Hemirhipus, in D.C. <Proc. Ent. Soc. Wash. XVI, 1914, p. 10.
18. Two new Hydrophilid beetles (w. Barber) <Proc. Ent. Soc. Wash. XIX, 1919, pp. 129-135.  
Many of above items were communicated by Mr. H. S. Barber.

**Schwarz, Otto**, b. July 20, 1861; d. Nov. 22, 1908.

03. Drei neue Elathous arten <Wien. Ent. Zeit. XXII, 1903, pp. 207-208.  
Sechs neue N. Am. Elateridæ <D. E. Z., 1903, pp. 57-62.
06. Neue Elateridæ <D. E. Z., 1906, pp. 97-158.  
Elateridæ <Genera Insectorum fasc. 46a, 1906.  
Elateridæ <Genera Insectorum fasc. 46b, 1906.
07. Elateridæ <Genera Insectorum fasc. 46c, 1907.  
Plastoceridæ <Genera Insectorum fasc. 50, 1907.

**Scopoli, Johann A.**, b. June 13, 1723; d. May 8, 1788.

63. Entomologia Carniolica etc., 1763.  
77. Introductio ad historiam naturalem, Pragae, 1777.

**Scriba, Ludwig G.**

90. Journal für die Liebhaber der Ent. Frankfurt, pt. 1, 1790.  
91. Journal für die Liebhaber der Ent. Frankfurt, pt. 2 and 3, 1791.

**Scudder, Samuel H.**, b. 1837, d. 1911.

82. Nomenclator zoologicus <Bull. 19, U. S. N. M., 1882, 2 pts., 376 + 340 pp.

**Seher, Thaddeus.**

84. On Rhopalopus <Ent. Am. I, 1884, p. 156.

**Seidlitz, Georg von**, b. June 19, 1840; d. July 15, 1917.

68. Die Otiorhynchiden <Berl. Ent. Zeit. Beiheft, 1868, pp. 1-153.  
89. On Platypsillus <Fauna Baltica, ed. II, 1889.  
On Platypsillus <Fauna Transsylv. 1889.  
91. On Heteromerous Colcop. <Fauna Transsylv. 1891.  
On Heteromerous Colcop. (also 1898) <Fauna Baltica, ed. II, 1891.  
94. Tenebrionidæ etc. <Naturg. Ins. Deutschl. V, 1893 to 1896, pp. 201-800.  
96. Tenebrionidæ (see also Kiesenwetter) <Naturg. Ins. Deutschl. V.  
07. Ueber Bryaxis <Wien. Ent. Zeit. XXVI, 1907, pp. 31-34.  
16. Die l. Fam. der Heteromeren <D. E. Z., 1916, pp. 113-128.



**Semenov, Andreas.**

99. *Neopolyarthron* n. gen.  
 07. *Prionus heroicus* n. m.  
 12. *Ignotus* = *Thelydrias*

<Hor. Soc. Ent. Ross. XXXIV, 1899, p. 255.  
 <Rev. Russe d'Ent. VII, 1907, p. 259.  
 <Rev. Russe d'Ent. XII, 1912, p. 497.

**Senna, A.**

94. Rev. of *Rhaphidorrhynchus*  
 98. Desc. new *Brentidae*

<Ann. Soc. Ent. Belg. Nov. 3, 1894.  
 <Notes fr. Leyden Mus. XV (or XX?), 1898, pp. 65.

**Serville, Jean G. Audinet**, b. Nov. 11, 1775; d. Mch. 27, 1858.

25. Entomological part of *Encyclopédie méthodique*, X, Paris, 1825. (see Olivier)  
 32. *Nouv. class. d. l. fam. d. Longicornes*  
 33. *Nouv. class. d. l. fam. d. Longicornes*  
 34. *Nouv. class. d. l. fam. d. Longicornes*  
 35. *Nouv. class. d. l. fam. d. Longicornes*

<Ann. Soc. Ent. France, I, 1832, pp. 118, 201; 443.  
 <Ann. Soc. Ent. France, II, 1833, pp. 528-573.  
 <Ann. Soc. Ent. France, III, 1834, pp. 5-110.  
 <Ann. Soc. Ent. France, IV, 1835, pp. 5-100; 197-228.

**Severin, G.**

89. *Cat. des Col. d. l. fam. des Gyrinides*

<Ann. Soc. Ent. Belg. 1889, pp. 149-179.

**Sharp, Dr. David**, b. 1839.

74. *Sagola*  
 75. Desc. of three n. sp. *Trigonurus*  
     On three n. sp. *Hydrophilidae* (*Sepidulum*)  
 76. Cont. to ins. fauna Amazon (*Staphylinidae*)  
 78. On some *Longicorn Coleop.* fr. Hawaii  
 82-87. Aquatic Beetles and *Staphylinidae*  
 82. On aquatic carn. *Col.* or *Dytiscidae*  
 83. Revision of . . . *Tropisternus*  
 85. *Bruchidae*  
 87. *Pselaphidae* & *Scydmaenidae*  
 89-11. *Rhynchophora*  
 91. *Clavicorns* (1888-1905)  
 95. *Brenthidae*  
 99. *Insecta*  
 00. *Col. of Iceland and Faroë Is.*  
     Discussion of types of Heer  
 05. The genus *Criocephalus*  
 18. Studies in *Rhynchophora*, IV  
 18. Studies in *Rhynchophora*, VI

<Trans. Ent. Soc. London, 1874, p. 506.  
 <Ent. Mo. Mag. XI, 1875, pp. 204-206.  
 <Ent. Mo. Mag. XI, 1875, pp. 247-250.  
 <Trans. Ent. Soc. London, 1876, p. 887 & 27-424.  
 <Trans. Ent. Soc. London, 1878, pp. 201-210.  
 <Biol. C.-Am. Col. I, 2, pp. 1-802, pl.  
 <Sci. Trans. Roy. Dublin Soc. (2), II, pp. 179-1003, pl.  
 <Trans. Ent. Soc. London, 1883, pp. 91-117.  
 <Biol. C.-Am. Col. V, 1885, pp. 437-504.  
 <Biol. C.-Am. Col. II, 1, 1887, pp. 1-71.  
 <Biol. C.-Am. IV, 3, pp. 1-178.  
 <Biol. C.-Am. Col. II, 1, pp. 244-690.  
 <Biol. C.-Am. IV, 6, 1895, pp. 1-80.  
 <Cambridge Nat. Hist. vols. V, VI, 1895-1899.  
 <Ent. Mo. Mag. XI (2) 1900, pp. 253-255.  
 <Ent. Mo. Mag. XII, 1901, pp. 143-144.  
 <Trans. Ent. Soc. London, 1905, pp. 145-164, pl.  
 <Trans. Ent. Soc. London, 1918, pp. 209-222, pl.  
 <Journ. N. Y. Ent. Soc. XXVI, 1918, pp. 215-218, pl.

**Sharp, D. and Muir, F.**

12. Comp. Anat. of male genital tube in *Col.*

<Trans. Ent. Soc. Lond. 1912, pp. 477-642, pl. 42-78.

**Shelford, Victor E.**

08. Life Histories and larval habits of Tiger Beetles  
 13. Noteworthy variations in elytral tracheation of a *Cicindela*  
 15. Elytral tracheation of the Tiger Beetles  
     Abnormalities and regeneration in *Cicindela*  
 17. Color and Color Pattern Mechanism of Tiger Beetles

<J. Linn. Soc.—Zool. XXX, 1908, pp. 157-184, pl. 23-26.  
 <Ent. News, XXIV, 1913, pp. 124-125.

<Trans. Am. Micr. Soc. XXXIV, 1915, pp. 241-254.

<Ann. Ent. Soc. Amer. VIII, 1915, pp. 291-294, pl.  
 <Ill. Biol. Mon. III, No. 4, 1917, 134 pp., 32 pl.

**Sherman, Franklin, Jr.**, b. Nov. 2, 1877.

04. List of *Cicindelidae* of N. C.  
 08. Notes on Tiger-Beetles and Elevations

<Ent. News, XV, 1904, pp. 26-31.  
 <Ent. News, XIX, 1908, pp. 360-362.

**Sherman, John D., Jr.**, b. Apl. 18, 1872.

87. Notes on *Peckskill Col.*  
 88. Notes on *Peckskill Col.*  
 10. A List of *Labrador Col.*  
 13. Some Habits of the *Dytiscidae*

<Proc. Ent. Soc. Wash. I, 1887, p. 79.  
 <Proc. Ent. Soc. Wash. I, 1888, pp. 162-163.  
 <Journ. N. Y. Ent. Soc. XVIII, 1910, pp. 173-197.  
 <Journ. N. Y. Ent. Soc. XXI, 1913, pp. 43-53.

**Shimer, Henry, M.D.**, b. 1828; d. 1895.

67. Notes on ins. bred from Prickly Ash

<Trans. Am. Ent. Soc. II, 1867 (publ. 1868).

**Shuckard, W. E.**, b. 1803?; d. 1868.

39. The Elements of British Ent., London, 1839.

**Shufeldt, R. W.**

84. Obs. upon Ins. . . . New Orleans, La.

<Proc. U. S. N. M. VII, 1884, pp. 331-338.

**Siebold, C. Th. v.**, b. 1804; d. 1885.

48. *Lehrbuch der Vergl. Anat.* Berlin, 1848-Transl. Boston, 1851.

**Skinner, Dr. Henry**, b. Mch. 27, 1861.

03. List of the Ins. of Beulah, N. Mex.  
     A new var. of *Tegrodera*  
     Notes on *Buprestidae* w. desc. n. sp.

<Trans. Am. Ent. Soc. XXIX, 1903, pp. 35-117.  
 <Ent. News, XIV, 1903, p. 168.  
 <Ent. News, XIV, 1903, pp. 236-239, pl.

**Skinner**

04. New Meloidæ fr. Ariz. <Ent. News, XV, 1904, p. 217.  
 05. Desc. of New Col. fr. Ariz. <Ent. News, XVI, 1905, pp. 289-292.  
 06. A new Cantharis <Ent. News, XVII, 1906, p. 217.

**Slosson, Mrs. Annie Trumbull**, b. May 18, 1838.

90. Winter Collecting in Fla. <Ent. News, I, 1900, pp. 81-83, cont'd.  
 94-06. Lists of Insects of Alpine Regions of Mt. <Ent. News, V, 1894-XVII, 1906.  
     Washtn. N. H.  
     (Ten lists in all.)  
 95. Col. of Lake Worth, Fla. <Can. Ent. XXVII, 1895, pp. 9-10.  
 99. A new Cossonus <Can. Ent. XXXI, 1899, p. 193.  
 03. A Coleopterous Conundrum <Can. Ent. XXXV, 1903, pp. 183-187.  
 08. A Bit of Contemporary History <Can. Ent. XL, 1908, pp. 213-219, pl.  
     Ignotus ænigmaticus <Can. Ent. XL, 1908, p. 255.  
     (see also Zaitzev, below; and Semenov.)  
 15. A few Memories <Journ. N. Y. Ent. Soc. XXIII, 1915, pp. 85-91.  
 16. Entomology and Literature <Bull. Br. Ent. Soc. XI, 1916, pp. 49-52.

**Smith, Frederic.**, b. 1805; d. Feb. 16, 1879.

51. Nomencl. of Col. . . . Brit. Mus. Part V, Cucujidæ, London, 1851, 25 pp.  
 52. Nomencl. of Col. . . . Brit. Mus. Part VI, Passalidæ, London, 1852, 23 pp., pl.

**Smith, John B.**, b. Nov. 21, 1858; d. Mch. 12, 1912.

82. Col. Notes <Bull. Br. Ent. Soc. V, 1882, pp. 25-26.  
     Synopsis of the Mordellidæ of U. S. <Trans. Am. Ent. Soc. X, 1882, pp. 73-100, pl.  
 83. New Mordellidæ and Notes <Bull. Br. Ent. Soc. V, 1882, pp. 80-81.  
     Mordellidæ, Notes and Desc. <Bull. Br. Ent. Soc. VI, 1883, pp. 3-5.  
     Technique etc. <Bull. Br. Ent. Soc. VI, 1883, p. 24.  
 84. Synopsis of the Apioninæ of U. S. <Trans. Am. Ent. Soc. XI, 1884, pp. 41-68, pl.  
     Lycus fernandezi in Tex. <Bull. Br. Ent. Soc. VIII, 1884, p. 125.  
 85. Some new sp. Hispidæ <Ent. Am. I, 1885, p. 94.  
     List of Col. coll. at Fort Churchill <Rept. progr. Can. Geol. Surv. 1885, p. 62 DD.  
 87. Notes on Apion <Ent. Am. III, 1887, p. 56.  
 89. Notes on the sp. of Lachnosterna <Proc. U. S. Nat. Mus. XI, 1889, pp. 481-525, pl.  
     New sp. Lachnosterna <Ent. Am. V, 1889, p. 93.  
     Corrections to Henshaw List <Ent. Am. V, 1889, p. 121.  
     Life Habits Hispidæ <Ent. Am. V, 1889, p. 122.  
     Cerambycid Larvæ <Ent. Am. V, 1889, p. 156.  
 90. Notes on some Scolytids <Ent. Am. VI, 1890, p. 53.  
     Notes on Elaphidion <Ent. Am. VI, 1890, p. 136.  
     Calosoma pursuing geomet. larvæ <Ent. Am. VI, 1890, p. 137.  
     Cyrtinus pygmæus on oak <Ent. Am. VI, 1890, p. 137.  
 02. Chilocorus similis in N. Am. <Rept. N. J. Agl. Exp. Sta. 1902, pp. 505-508.  
 10. Cat. Insects of N. J. 3 ed. <Ann. Rept. N. J. St. Mus. for 1909, 1910, pp. 1-888.

(Previous editions appeared in 1890 and 1900).

**Smyth, Eugene G.**

03. Notes on Collecting Cicindelidæ <Trans. Kan. Ac. Sci. XIX, 1903-4, pp. 425-432.  
 07. Notes on coll. Cicindelidæ, II <Trans. Kan. Ac. Sci. XXI, 1907, pp. 180-188.

**Snodgrass, Robert, E.**, b. July 5, 1875.

09. The Thorax of Insects, etc. <Proc. U. S. Nat. Mus. XXXVI, 1909, pp. 511-595, pl.

**Snow, Francis H.**, b. 1840; d. 1908.

77. List of Col. coll. in Colo. <Kansas Collegiate, II, 1877, pp. 4-6.  
 78. The Insects of Wallace Co., Kansas <Trans. Kan. Ac. Sci. VI, 1878, pp. 61-70.  
     List of Col. coll. near Dome Rock, Colo. <Trans. Kan. Ac. Sci. VI, 1878, pp. 75-77.  
 81. List of Col. coll. in N. Mex. <Trans. Kan. Ac. Sci. VII, 1881, pp. 70-73.  
     Additions to Kansas List <Trans. Kan. Ac. Sci. VII, 1881, pp. 78-79.  
 83. Additions to Kansas List of Col. <Trans. Kan. Ac. Sci. VIII, 1883, p. 58; 35-45.  
 85. Lists of Col. N. Mex. <Trans. Kan. Ac. Sci. IX, 1885, pp. 65-69.  
 03. Lists of Col. Kan. <Kan. Univ. Sci. Bull. II, 1903, pp. 191-203.  
 07. Results of Exp. to Ariz. <Trans. Kan. Ac. Sci. XX, 1907, pp. 15-39.  
     List of sp. coll. in N. Mex. <Trans. Kan. Ac. Sci. XX, 1907, pp. 41-65.

**Snyder, Thomas E.**

13. Record of the rearing of Cupes concolor <Proc. Ent. Soc. Wash. XV, 1913, pp. 30-31.  
     Ovipositor of Parandra <Proc. Ent. Soc. Wash. XV, 1913, pp. 131-133.  
 16. Egg, etc., of Lyctus <Journ. Agr. Res. VI, 1916, pp. 273-276.

**Snyder, W. E.**

97. Scarabæidæ of Dodge Co., Wis. <Ent. News, VIII, 1897, pp. 129-131.

**Solier, Antoine J. J.**, b. Feb. 8, 1792; d. Nov. 27, 1851.

33. Essais sur les Buprestides <Ann. Soc. Ent. Fr. II, 1833, pp. 261-316, pl.  
 34. Essai d'une division des Col. Hétéromères <Ann. Soc. Ent. Fr. III, 1834, pp. 479-636, pl.



**Solier**

35. Essai d'une division des Col. Hétéromères <Ann. Soc. Ent. Fr. IV, 1835, pp. 249-420, pl.  
 36. Essai d'une division des Col. Hétéromères <Ann. Soc. Ent. Fr. V, 1836, pp. 5-200; etc., pl.  
 37. Essai d'une division des Col. Hétéromères <Ann. Soc. Ent. Fr. VI, 1837, pp. 151-172; etc., pl.  
 38. Essai d'une division des Col. Hétéromères <Ann. Soc. Ent. Fr. VII, 1838, pp. 5-73; etc., pl.  
 40. Essai d'une division des Col. Hétéromères <Ann. Soc. Ent. Fr. IX, 1840, pp. 207-370, etc., pl.  
 41. Essai d'une division des Col. Hétéromères <Ann. Soc. Ent. Fr. X, 1841, pp. 29-51, etc., pl.  
 48. Essai sur les Collaptérides <Baudi et Truqui Stud. Ent. II, 1848, pp. 146-370, pl.  
 49. Coleop. <Gay, Historia Fisica y Politica di Chili, IV, V, 1849-1851.

**Solsky, S.**, b. July 27, 1831; d. Feb. 11, 1879.

67. Staphylinidæ <Bull. Mosc. XLIII, 1867, p. 266.  
 Staphylinidæ <Hor. Soc. Ent. Ross. V, 1867.

**Spaeth, Franz**, b. Oct. 4, 1863.

01. Beschreib. neuer Cassiden <Verh. Zool.-bot. Ges. Wien, LI, 1901, pp. 333-350.  
 13. Cassida <Arch. f. Naturg. LXXIX, 1913, pp. 126-164.  
 14. Cassidinæ <Junk Col. Cat. pars 62, 1914.

**Spinola, Marchese Maximilian**, b. 1780; d. Nov. 12, 1857.

37. Lettre . . . sur un groupe des Buprestides <Ann. Soc. Ent. Fr. VI, 1837, pp. 101-122.  
 38. Essai sur . . . Buprestides <Ann. Soc. Ent. Fr. VII, 1838, pp. 303-394, pl.  
 44. Essai mon. sur les Clérites, Gènes, 1844, 616 pp. 47 pl.

**Sprague, P. S.**, b. 1829; d. Aug. 6, 1874.

- 69-70. Notes on some . . . Carabidæ <Can. Ent. II, 1869-1870.  
 69. Staphylinidæ <Am. Ent. Bot. II, 1869, p. 370.  
 71. Insect Fauna of Camel's Hump, Vermont <Arch. Sci. 1871.  
 75. On the sp. Col. desc. by Randall <Proc. Boston Soc. N. H. XVII, 1875, pp. 373-385.

**Stål, Carl**, d. June 13, 1878.

57. Till Kännedomen af Phytophaga <Öfvers. Kongl. Vet. Acad. Förhandl. XIV, 1857, pp. 53-63.  
 58. Till Kännedomen om Amerikas Chrysomeliner <Öfvers. Kongl. Vet. Acad. Förhandl. XV, 1858, pp. 469-478.  
 61. Till Kännedomen om Chrysomelidæ <Öfvers. Kongl. Vet. Acad. Förhandl. XVII, 1861, p. 455.  
 62. Mon. des Chrysomélides de l'Amér. <Actes d. l. Soc. Roy. des Sc. d'Upsal. (3), IV, 1862, pp. 1-86.  
 63. Mon. des Chrysomélides de l'Amér. II <Actes d. l. Soc. Roy. des Sc. d'Upsal. (3), IV, 1863, pp. 87-176.  
 65. Mon. des Chrysomélides de l'Amér. III <Actes d. l. Soc. Roy. des Sc. d'Upsal. (3), IV, 1865, pp. 177-365.

**Staudinger, Dr. O.**, b. 1819; d. 1890.

57. Reise nach Island <Stett. Ent. Zeitsch. XVIII, 1857, pp. 209-289.

**Steinheil, Edoardo**, b. Nov. 9, 1830; d. Oct. 11, 1879.

72. Symbolæ ad hist. Col. Argentina <Atti Soc. Ital. Sc. Nat. XV, 1872, pp. 554-578.  
 75. Monocrepidius <Col. Hefte, XIV, 1875, p. 123.

**Stephens, James F.**, b. Sept. 16, 1792; d. Dec. 22, 1852.

27. Illustrations of Brit. Ent. Mandibulata, London, 1827-1845, Coleop. I-V, 1827-1832.  
 39. Manual Brit. Coleop. London, 1839.

**Sternberg, Chr.**, b. May 12, 1838; d. Apl. 9, 1915.

10. Eine neue form des Dynastes titus <Stett. Ent. Zeit. 1910, p. 26-30.

**Stevenson, Charles**.

04. Aphodius erraticus <Can. Ent. XXXVI, 1904, p. 164.

**Stiles, C. W.**, b. May 15, 1867.

93. Parasitism <Proc. Ent. Soc. Wash. III, 1893, pp. 1-7.  
 05. The International Code of Zool. Nomencl. <Bull. 24, Hygienic Lab., Washington, 1905.  
 12. Fourth List Generic Names <Ent. News, XXIII, 1912, pp. 229-232.

**Strauss-Durckheim, Hercule**, b. 1790; d. 1865.

28. Considér. Générales sur l'anat. comp. etc., Paris, 1828, 434 pp. 10 pl.

**Strecker, Herman, Ph.D.**, b. Mch. 24, 1836; d. Nov. 30, 1901.

78. Coleoptera <Ann. Rept. Ch. Eng. for 1878, pp. 1864-1866.

**Strickland, E. H.**, b. 1889.

11. Prothetely <Biol. Bull. XXI, 1911, pp. 313-327.

**Stroem, Hans**, b. Jan. 25, 1726; d. 1795.

85. Beskrivelse over Norske Insecter, etc. <Skrivter Kjöberh. Selsk. 1765-1788.  
 (compare Poppius in Acta Faun. Flor. Fennica XXXI, 8, 1909, p. 34).

**Strohmeyer, H.**

14. Platypodidæ <Gen. Ins. fasc. 163, 1914, 55 pp. 12 pl.

**Stromberg, C. W.**, b. July 24, 1856; d. Mch. 26, 1895.

94. Notes on Colcoptera <Can. Ent. XXVI, 1894, pp. 36-37.



- Sturm, Dr. Jacob**, b. Meh. 21, 1771; d. Nov. 28, 1848.  
 26. Catalog Meiner Insekten Sammlung, Nürnberg, 1826 (2d ed. 1843).  
 05-56. Deutschlands Fauna, V Abth. Die Inseeten, Nürnberg, 1805-1856.  
 25. Deutschlands Fauna, VI, 1825.  
 37. Deutschlands Fauna, XII, 1837.  
 44. Deutschlands Fauna, XV, 1844.  
 45. Deutschlands Fauna, XVI, 1845.
- Suffrian, C. G. L. Eduard**, b. Jan. 21, 1805; d. Aug. 18, 1876.  
 40. Fragmente zur gen. k. deutscher Käfer <Stett. Ent. Zeit. I, 1840, pp. 82-86; 98-104.  
 48. Revision der Europ. . . . Cryptocephalus <Linnaea II, pp. 1-194; III, 1848, pp. 1-152.  
 51. Zur. k. der Europ. Chrysomelen <Linnaea V, 1851, pp. 1-280.  
 52. Zur. k. der N. Am. Cryptocephalen <Linnaea VI, 1852, pp. 198-318; VII, pp. 1-238.  
 58. Beriehtigtes Verz. N. Am. Cryptocephalen <Linnaea XII, 1858, pp. 343-409.  
 66. Zur kennt. d. Sud. Am. Cryptocephalen <Linnaea XVI, 1866, pp. 1-484.  
 67. Syn. Miscellancen <Zeitsehr. gesamt. Naturw. XXVII, 1867.  
 68. Verz. der von Dr. Gundlach auf Cuba g. <Arch. f. Naturg. XXXIV, pt. 1, 1868, pp. 163-  
     Chrysom. 252.  
 72. Syn. Miscellaneen <Stett. Ent. Zeit. XXXIII, 1872, pp. 11-22.  
     Verz. der von Dr. Gundlach auf Cuba g. <Arch. f. Naturg. XXXVIII, pt. 1, pp. 156-207.  
     Rüsselk.
- Summers, S. V., M.D.**  
 73. Notes on Casnonia ludoviciana <Can. Ent. V, 1873, pp. 61-62.  
 74. Notes on La. sp. of Oodii <Can. Ent. VI, 1874, p. 135-137.  
     Cat. Col. . . . Lake Pontchartrain, La. <Bull. Buff. Soc. Nat. Hist. 1874, II, pp. 78-99.  
     List of Col. of St. Louis Co., Mo. <Can. Ent. V and VI, pp. 52-55.  
 75. Desc. of Cylas elegantulus <Our Home Journal, 1875.
- Swaine, James M.**, b. Oct. 16, 1879.  
 09. Cat. of described Scolytidae <N. Y. State Mus. Bull. 134, 1909, 206 pp., pl.  
 10. Notes on a few Scolytidae <Can. Ent. XLII, 1910, pp. 161-165.  
     A new sp. of Eccoptogaster <Can. Ent. XLII, 1910, pp. 33-35, pl.  
 11. A few new Ipidæ <Can. Ent. XLIII, 1911, pp. 213-224, pl.  
 12. New sp. of the fam. Ipidæ <Can. Ent. XLIV, 1912, pp. 349-353.  
 14. Forest Ins. Conditions in Br. Col. <Can. Dept. Agl. Div. Ent. Bull. 17, 1914, 40 pp.  
     pl.  
 15. New sp. of the fam. Ipidæ, pt. II <Can. Ent. XLVII, 1915, pp. 355-369.  
     A new sp. of Pityogenes <Tech. Publ. Syracuse Univ., XVI, 1915, pp. 8-10.  
 16. New sp. of the fam. Ipidæ, pt. III. <Can. Ent. XLVIII, 1916, pp. 181-192, pl.  
     Platypus wilsoni <Can. Ent. XLVIII, 1916, pp. 97-100.  
 17. Canadian Bark Beetles, pt. I <Can. Dept. Agl. Ent. Br. Bull. 14, 1917, 32 pp.  
 18. Canadian Bark Beetles, pt. II <Can. Dept. Agl. Ent. Br. Bull. 14, 1918, 143 pp.  
     pl.
- Swederus, Nils S.**  
 87. Et nytt Genus, och femtio nya sp. af Ins. <Vetensk. Acad. nya Handl. VIII, 1787, pp. 181-  
     besekr. 201; 276-290.
- Taschenberg, O.**, b. Meh. 23, 1854.  
 90. Bibliotheca Zoologica II, vol. III, pp. 2468-2760, Leipzig, 1890.  
     (Literature of Coleoptera from 1860 to 1880).
- Taylor, George W.**, b. 1854; d. Aug. 22, 1912.  
 86. The Entomology of Vancouver Is. <Can. Ent. XVIII, 1886, pp. 34-37.
- Tellkamp, Dr. Theodor.**  
 44. Beschr. e.n.i.d. Mammoth-Höhle . . . Col. <Wieg. Archiv. X, 1844, pp. 318-322.
- Thomas, David.**  
 34. Some acct. of the Chrysomela vitivora <Sillim. Amer. Journ. XXVI, 1834, pp. 113-114.
- Thomson, C. G.**, b. 1874; d. Sept. 19, 1899.  
 56. Några nya arter . . . Homalota <Ofv. K. Vet. Acad. Förhandl. XIII, 1856, pp.  
     91-107.  
     Arter af släktet Omalius, etc. <Ofv. K. Vet. Acad. Förhandl. XIII, 1856, pp.  
     223-236.
59. Skandnaviens Coleoptera, etc., Lund, I, 1859.  
     Skandnaviens Coleoptera, etc., Lund, II, 1860.  
     Skandnaviens Coleoptera, etc., Lund, III, 1861.  
     Skandnaviens Coleoptera, etc., Lund, IV, 1862.  
     Skandnaviens Coleoptera, etc., Lund, V, 1863.  
     Skandnaviens Coleoptera, etc., Lund, VI, 1864.  
     Skandnaviens Coleoptera, etc., Lund, VII, 1865.  
     Skandnaviens Coleoptera, etc., Lund, VIII, 1866.  
     Skandnaviens Coleoptera, etc., Lund, IX, 1867.  
     Skandnaviens Coleoptera, etc., Lund, X, 1868.
- Thomson, James**, d. Dec. 1897.  
 57. Monogr. des Cieindélides, etc., Paris, 1857.  
     Archives entomologiques, etc., Paris, I, 1857.

**Thomson**

58. Archives entomologiques, etc., Paris, II, 1858.  
 59. Arcana naturæ, etc., Paris, 1859.  
 60. Monogr. d. l. f. d. Monommides <Ann. Soc. Ent. Fr. (3), VIII, 1860, pp. 5-38.  
 <Mus. Scient. 1860.  
 64. Syst. Cerambycidae <Mém. Soc. roy. de Liège, XIX, 1864, pp. 1-540.  
 65. Diag. d'esp. nouv. Ceramb. <Mém. Soc. roy. de Liège, 1865, pp. 541-578.  
 67. Physis I, 1867, parts 1, 2, and 3, Paris.  
 68. Physis I, 1868, parts 4, 5, and 6, Paris.  
 (continued to part 10, 1872).

77-78. Typi Cerambycidae <Rev. et Mag. Zool. 1877-1878.

**Thunberg, Carl P.**, b. Nov. 11, 1743; d. Aug. 8, 1828.

85. Mus. nat. Acad. Upsaliens 1785.  
 87. Mus. nat. Acad. Upsaliens. Dissert. 3 1787; 4, 1787; 5, 1787; 6, 1788; 7, 1789.  
 91. Diss. Ent. novas ins. sp. sistens, Upsala 1, 1781; 2, 1783; 3, 1784; 4, 1784; 5, 1789; 6, 1791.  
 Diss. Ent. sistens Ins. Suecica, Upsala 1, 1784, 2, 1791; 3, 1792; 4, 1792; 5, 1794; 6, 1794;  
 Characteres gen. ins. ed. Meyer, Gottingæ, 1791.  
 94. Diss. Ent. sistens Ins. Suecica 7, 1794, 8, 1794; 9, 1795;  
 05. Goetting. Gel. Anzeig. XXIX, 1805.  
 06. Lucani Monographia <Mém. Soc. Nat. Mosc. I, 1806, pp. 183-206.  
 14. Beskr. p. t. nya ins. sl. Gnathocerus, etc. <Vetensk. Acad. Handl. 1814, pp. 46-50.

**Titus, Edward S. G.**, b. May 26, 1873.

11. The gen. Hypera and Phytomus <Ann. Ent. Soc. Am. IV, 1911, pp. 383-473.

**Tournier, H.**

74. On Mecinus <Ann. Soc. Ent. Belg. XVII, 1874, pp. 40-46.

**Tower, William L.**, b. Dec. 22, 1872.

03. Origin and dev. of wings in Col. <Zool. Jahrb. 1903, pp. 517-572, 7 pl.  
 06. An Investigation of Ev. in . . . Leptinotarsa <Carnegie Inst. Wash., Publ. 48, 1906, 320 pp.  
 30 pl.

**Townsend, Anne B.**

04. Histology of Light Organs of Photinus <Am. Nat. XXXVIII, 1904, pp. 127-151.

**Townsend, Charles H. T.**, b. Dec. 5, 1863.

85. List of Col. coll. in Louisiana <Can. Ent. XVII, 1885, pp. 66-73.  
 86. Notes on Staphylinidæ <Can. Ent. XVIII, 1886, pp. 24-26.  
 89. Cont. to a list of Michigan Col. <Psyche V, 1889, pp. 231-235.  
 93. Desc. luminous larva fr. Ariz. <Zoe, IV, 1893, pp. 128-130.  
 95. On the Colcop. of New Mex. and Ariz. <Can. Ent. XXVII, 1895, pp. 39-51.  
 03. Brownsville, Texas, Coleop. <Trans. Texas Ac. Sci. X, 1903, pp. 82-84.

**Tragardh, I.**

12. Prothetely <Fauna och Flora, 1912, pp. 245-255.

**Truqui, Eugen**, d. 1860.

57. Generis Iphthimi characteres <Stett. Ent. Zeit. XVIII, 1857, pp. 92-94.

**Tschitscherin, T.**, b. Sept. 23, 1869; d. Apl. 4, 1904.

91. Rem. sur. q. Feronia, etc. <Hor. Soc. Ent. Ross. XXV, 1891, pp. 141-149.  
 01. Notes on Platysmatini <Hor. Soc. Ent. Ross. XXXIV, 1901.  
 Complete Bibliography <Hor. Soc. Ent. Ross. XXXVIII, 1908, pp. 24-45.

**Uhler, Philipp A.**, b. June 3, 1835, d. Oct. 21, 1913.

55. Desc. of a f. sp. of Col. s. t. b. new <Proc. Ac. Nat. Sc. Phila. VII, 1855, pp. 415-418.  
 77. Rept. on ins. coll. dur. expl. <Bull. U. S. Geol. & Geog. Surv. 1877, III, pp.  
 355-475.  
 79. List of animals obs. at Fort Wool, Va. <Studies Biol. Lab. Johns Hopkins, I, 1879, pp.  
 17-34.

**Ulke, Henry**, b. Jan. 25, 1821; d. Feb. 18, 1910.

73. Hayden Survey, 1873, pp. 567-571.  
 75. Report U. S. Geol. Surv. (Wheeler) V, 1875, pp. 809-827.  
 82. Reprint of above (desc. of n. sp.) <Bull. Br. Ent. Soc. IV, 1882, pp. 41-42.  
 87. Desc. Amphotis schwarzi <Ent. Am. III, 1887, p. 77.  
 89. Desc. Pterostichus johnsoni <Ent. Am. V, 1889, p. 59.  
 90. Tachys incurvus <Proc. Ent. Soc. Wash. II, 1890, p. 87.  
 02. List of Beetles of D. C. <Proc. U. S. Nat. Mus. XXV, 1902, pp. 1-57.

**Van den Branden, C.**

85. Enum. d. Phytophaga d. depuis G. & H. <Mém. Soc. Sci. Liège, XI, 1885, 16 pp.  
 Cat. des Col. carn. aquat. <Ann. Soc. Ent. Belg. XXIX, 1885, pp. 1-118.

**Van Dyke, Dr. Edwin C.**, b. Apl. 7, 1869

07. Remarks and descriptions of Cychrini in Roeschke's Monograph.  
 15. Species of Cossonus <Bull. Br. Ent. Soc. X, 1915, pp. 1-23.  
 New Ostomidae and Cleridae <Bull. Br. Ent. Soc. X, 1915, pp. 25-33.  
 16. Supplementary Notes <Bull. Br. Ent. Soc. XI, 1916, pp. 71-79.  
 New Buprestidae <Ent. News, XXVII, 1916, pp. 405-412.  
 17. Anthophilax n. sp. <Journ. N. Y. Ent. Soc. XXV, 1917, pp. 36-37.

**Van Dyke**

18. Cantharidæ, etc.  
 New Inter-Tidal Col. fr. Cal.  
 A new gen. and sp. of Cave Col.  
 A review of Silis  
 Remarks on Col.  
 New Buprestidæ . . . No. 2.  
 <Bull. Br. Ent. Soc. XII, 1918, pp. 1-15.  
 <Ent. News, XXIX, 1918, pp. 303-308.  
 <Journ. N. Y. Ent. Soc. XXVI, 1918, pp. 179-182.  
 <Journ. N. Y. Ent. Soc. XXVI, 1918, pp. 161-179.  
 <Journ. N. Y. Ent. Soc. XXVI, 1918, p. 229.  
 <Ent. News, XXIX, 1918, pp. 53-58.

**Vanhöffen, E.**, b. Nov. 15, 1858.

97. Grönland Exp. d. Ges. f. Erdkunde z. Berlin, II, 1897, p. 155.

**Van Roon, G.**

05. Naamlijst der Lucaniden  
 10. Lueanidæ  
 <Tijd. voor Ent. 1905, pp. 83-180.  
 <Junk Col. Cat. pars 8, 1910.

**Venables, E. P.**

13. Notes on Col. of Br. Columbia  
 <Can. Ent. XLV, 1913, pp. 267-268.

**Villada and Peñafiel, (V. & P.).**

67. Gaceta med. de Mex. III, No. 1, 1867, p. 15.

**Villers, Charles J. de**, b. July 24, 1724; d. Jan. 3, 1810.

89. Caroli Linnaei entomologia, etc., Lugduni, 1789.

**Voet, Johann E.**, d. 1778.

66. Cat. Syst. Col., La Haye, 1766 (commenced 1766, completed 1806).

**Wagner, H.**, b. May 6, 1884.

09. Zur Synonymie der g. Apion  
 10. Apioninæ  
 12. Neue Apionen N. and S. Am.  
 Apioninæ  
 <D. E. Z. 1909, pp. 766-767.  
 <Junk Col. Cat. pars 6, 1910.  
 <Novit. Zool. Tring, XIX, 1912, pp. 97-118.  
 <Gen. Ins. fasc. 130, 1912, 109 pp., 7 pl.

**Walker, C. M.**

10. The Pepper Weevil  
 <Bull. n. s. 54, Bur. Ent. 1910, pp. 43-48.

**Walker, E. M.**, b. Oct. 5, 1877.

13. Insects and their allies  
 (List of Col. by R. J. Crew)  
 <Nat. Hist. of Toronto Region, ed. by J. H. Faull,  
 1913, pp. 312-351.

**Walker, Francis.**, b. 1809; d. 1874.

66. Descriptions of Coleoptera  
 <Lord's Natural. Vaneouver, II, 1866, pp. 309-311.

**Walsh, Benjamin D.**, b. Sept. 21, 1808; d. Nov. 12, 1869.

63. A new fruit foe  
 The Plum-gouger (also July 11, 1863)  
 On certain remarkable larvæ, etc.  
 66. On the ins. . . inh. galls . . . of willow  
 69. Tortoise Beetles  
 67. Bark-borers  
 A new foe of Corn  
 The grape vine Fidia  
 <Prairie Farmer, July 18, 1863, p. 37.  
 <Prairie Farmer, June 13, 1863, p. 372.  
 <Proc. Boston Soc. N. H. IX, 1863, pp. 286-320.  
 <Proc. Ent. Soc. Phila. VI, 1866, pp. 223-288.  
 <Am. Ent. II, 1869, pp. 2-5.  
 <Practical Ent. II, 1867, pp. 57-58.  
 <Practical Ent. II, 1867, pp. 117-118.  
 <Practieal Ent. II, 1867, pp. 87-88.

**Waltl, Dr. Joseph.**

38. Verz. der um Passau vork. Käfer, etc.  
 <Isis, IV, 1838, pp. 263-273; III, pp. 221-227.

**Walton, Lee B.**, b. Nov. 12, 1871.

12. Symbiotes duryi  
 <Ohio Naturalist, XII, 1912, pp. 461-464.

**Wasmann, E.**, b. May 29, 1859.

87. Ecitopora, new genus  
 90. Vergl. Studien u. Ameisen gäste u. T.  
 93. Neue Myrmekophilen  
 94. Krit. Verz. Term. Arth. Berlin, 1894, pp. 231.  
 Xenodusa, new genus, in above, p. 205.  
 97. Eine neue Xenodusa aus Colorado  
 Ein neuer Eciton-gast aus N. C.  
 98. Myrmobiota = Homœusa  
 99. Ein neuer gast von Eciton carolin.  
 00. Neue Dorylinengaste  
 01. On genera dese. by Casey  
 Zwei neue Liometopongaste  
 02. Species novæ, etc.  
 <D. E. Z., XXXI, 1887, p. 408.  
 <Tijdschr. v. Ent. 1890, pp. 27-97, pl.  
 <D. E. Z., 1893, pp. 97-112.  
 <D. E. Z., 1897, pp. 273-274.  
 <D. E. Z., 1897, pp. 280-281.  
 <Tijdschr. V. Ent. XLI, 1898, pp. 11.  
 <D. E. Z., 1899, pp. 409-410.  
 <Zool. Jahrb. Syst. XIV, 1900, pp. 215-290.  
 <Can. Ent. XXXIII, 1901, pp. 249-252.  
 <Wien. Ent. Zeit. XX, 1901, pp. 145-147.  
 <Tijdschr. v. Ent. XLV, 1902, pp. 95-107.

**Waterhouse, Charles O.**, b. June 19, 1843; d. Feb. 4, 1917.

74. Desc. of a new sp. of Baridius  
 80. Dese. of a new genus (Latheticus)  
 84. Desc. of a new g. and sp. fr. Philippine Is.  
 96. On Buprestidæ  
 02. Index Zoologicus, London, 1902, pp. 421.  
 12. Index Zoologicus, II, London, 1912, pp. 324.  
 <Ent. Mo. Mag. X, 1874, pp. 226-227.  
 <Ann. Mag. Nat. Hist. (5), V, 1880, pp. 147-148.  
 <Ann. & Mag. Nat. Hist. (5), XIII, 1884, pp. 128-129.  
 <Ann. Mag. Nat. Hist. 1896.

The above two volumes, compiled from Zoological Record, continue and supplement Scudder's list of generic and subgeneric names (Nomencl. Zool.) to the year 1910.



**Webb, J. L.**, b. Apl. 9, 1878.

- 01. Notes on Cychrus
- 05. Desmocerus n. sp.
- 08. A new sp. Leptura
- 12. Prel. Synopsis of Cerambycoid larvæ

<Ent. News, XII, 1901, pp. 133-136.  
 <Proc. Ent. Soc. Wash. VII, 1905, pp. 104-105.  
 <Proc. Ent. Soc. Wash. IX, 1908, p. 41.  
 <Tech. Ser. no. 20, pt. V, Bur. Ent. U. S. Dept. Agl. 1912, pl.

**Weber, Friedrich**, b. 1752; d. 1823.

- 01. Observationes entomologicae, etc., Kiliae, 1801.

**Webster, Francis M.**, b. Aug. 2, 1849; d. Jan. 3, 1916.

- 79. Ent. Notes
- 80. Chrysomelidæ on Salix  
Food of Predaceous Beetles
- 89. On Lixus
- 93. Notes on inj. ins. in Texas
- 95. On probable origin of Diabrotica
- 98. The Chinch Bug

<Bull. Br. Ent. Soc. II, 1879, p. 20.  
 <Bull. Br. Ent. Soc. III, 1880, p. 79.  
 <Bull. No. 3, Ill. St. Lab. N. H. 1880, pp. 149-152.  
 <Ent. Amer. V, 1889, p. 11.  
 <Can. Ent. XXV, 1893, pp. 35-36.  
 <Journ. N. Y. Ent. Soc. III, 1895, pp. 158-166.  
 <Bull. 15, U. S. Dept. Agl. Div. Ent. 1898, pp. 1-82.  
 <Journ. Columbus Hort. Soc. XV, 1900, 8 pg.  
 <Proc. Ent. Soc. Wash. X, 1908, p. 13.

**Webster, R. L.**

- 09. Distribution of N. Am. Phytonomus

<Ent. News, XX, 1909, pp. 80-82.

**Weeks, Archibald C.**

- 84. Various Notes in "Society News"
- 87. Exomias pellucidus

<Bull. Br. Ent. Soc. VII, 1884, p. 68, 105, & 128.  
 <Ent. Am. III, 1887, p. 188.

**Wehncke, E.**, b. Mch. 13, 1835; d. Nov. 19, 1883.

- 76. Neue Dytisciden
- 80. Neue Haliphus beschriben

<Entom. Zeit. Stett. XXXVII, 1876, pp. 356-360.  
 <Entom. Zeit. Stett. XLI, 1880, p. 72-75.

**Weiss, Harry B.**, b. Oct. 31, 1883.

- 15. Additions to Insects of N. J.
- 16. Additions to Insects of N. J. No. 3, 4  
Eucactophagus graphipterus in N. J.
- 17. Some Unusual Orchid Insects  
Undesirable Ins. Immig. in N. J.  
Plagiodera versicolora (w. Dickerson)
- 18. Control of imported pests in N. J.  
Popilia japonica (w. Dickerson)  
Review of Buprestis (w. Nicolay)

<Ent. News, XXVI, 1915, pp. 101-107; 260-262.  
 <Ent. News, XXVII, 1916, pp. 9-13; 162-166.  
 <Journ. N. Y. Ent. Soc. XXIV, 1916, p. 93.  
 <Ent. News, XXVIII, 1917, pp. 24-29, pl.  
 <Can. Ent. XLIX, 1917, pp. 293-298, pl.  
 <Can. Ent. XLIX, 1917, pp. 104-109, pl.  
 <Journ. Econ. Ent. XI, 1918, pp. 122-125.  
 <Can. Ent. L, 1918, pp. 217-221.  
 <Journ. N. Y. Ent. Soc. XXVI, 1918, pp. 75-109, pl.

**Weise, Julius**, b. Apl. 6, 1844.

- 82-93. Chrysomelidæ
- 85. Beschreibung einiger Coccinelliden  
Bestimmungs-Tabellen d. Europ. Coccinelliden, Mödling, 1885.
- 95. Zwei neue Cryptocephalinen Gatt.  
Hyperaspis guttifera
- 96. Feststellung einiger Cassiden-gattungen
- 98. On Chrysomelidæ & Coccinellidæ
- 05. On Laria, Bruchus, Mylabris  
Aufzähl. Mex. Hispinen
- 07. Descriptions  
Hispinen aus Arizona
- 08. Abermals Geoffroy
- 10. Beitrag z. k. d. Amer. Hispinen  
2d Beitrag z. k. d. Hispinen  
Chrysom. and Coccinell.  
Eine neue Coccinell. aus Mex.
- 11. 3d Beitrag z. k. d. Hispinen  
Hispinæ  
Hispinæ
- 13. Syn. Bemerk.
- 16. Chrysomelinæ

<Nat. der. Ins. Deutschl. VI, 1882-1893.  
 <Stett. Ent. Zeit. 1885, pp. 227-241.  
 <D. E. Z., 1895, pp. 57-58.  
 <Ann. Soc. Ent. Belg. XXXIX, 1895, p. 128.  
 <D. E. Z., 1896, pp. 10-15.  
 <Arch. f. Naturg. LXIV, 1898, pp. 177-238.  
 <D. E. Z., 1905, p. 340.  
 <D. E. Z., 1905, pp. 110-135.  
 <Wien. Ent. Zeit. XXII, 1907.  
 <Arch. f. Naturg. LXXII, 1907, pp. 205-209.  
 <Münch. Kol. Zeit. III, 1908, pp. 294-299.  
 <Arch. f. Naturg. LXXVI, 1910, pp. 67-127, pl.  
 <Brünn. Verh. Natf. Ver. XLVIII, pp. 1-48.  
 <Brünn. Verh. Natf. Ver. XLVIII, pp. 25-53.  
 <Boll. Lab. de Zool. in Portici, III, 1910, p. 205.  
 <Ann. Soc. Ent. Belg. LV, 1911, pp. 39-78.  
 <Junk, Col. Cat. pars 35, 1911.  
 <Genera Insectorum, fasc. 125, 1911, 124 pp. 4 pl.  
 <Wien. Ent. Zeit. XXXII, 1913, p. 17.  
 <Junk Col. Cat. pars 68, 1916.

**Wellman, F. Creighton**, b. Jan. 3, 1873.

- 09. Revision of Calospasta
- 10. Generic types . . . Lyttidæ  
Synonymy . . . Meloidæ  
On classification Lyttidæ
- 11. A new Am. Sitarine beetle
- 12. New sp. Lyttidæ

<Ent. News, XX, 1909, pp. 19-25.  
 <Can. Ent. XLII, 1910, pp. 389-396.  
 <D. E. Z., 1910, pp. 22-26.  
 <Ent. News, XXI, 1910, pp. 211-222.  
 <Ent. News, XXII, 1911, pp. 15-17.  
 <Ent. News, XXIII, 1912, pp. 29-43.

**Wenzel, Henry W.**

- 85. Note on Sandalus
- 97. Notes on Salt Meadow Ins.

<Ent. Am. I, 1885, p. 107.  
 <Ent. News, VIII, 1897, p. 218.

- Westcott, O. S.**, b. Dec. 15, 1834; d. July 31, 1919.  
 12. Notes on *Anatis 15-punctata* <Ent. News, XXIII, 1912, p. 422.
- Westwood, John Obadiah**, b. Dec. 22, 1805; d. Jan. 2, 1893.  
 30. On the affinities of *Clinidium* <Zool. Journ. V, 1830, pp. 213-237; 328-329, pl.  
 37. Desc. n. sp. Exotic Col. <Mag. Zool. Bot. I, 1837, pp. 251-257.  
 38. Notes upon subaquatic ins. etc. <Mag. Zool. Bot. II, 1838, pp. 124-132.  
 The Entomologist's Text-Book, etc., London, 1838.  
 39. Introduction to the modern class. of insects, London, 1839-40, 2 vols.  
 44. New Exotic Lucanidæ <Journ. of Proc. Ent. Soc. London, 1844, p. 106.  
 52. On the Lamellicorn Beetles, etc. <Trans. Ent. Soc. Lond. (2), II, 1852, pp. 49-74.  
 53. On the Lamellicorn Beetles, etc. <Trans. Ent. Soc. Lond. (2), III, 1853, pp. 59-74.  
 69. *Platypsylla* <Ent. Mo. Mag. VI, 1869.  
 74. *Thesaurus Ent. Oxoniensis*, 1874, Oxford, 205 pp., 40 pl.
- Wheeler, William M.**, b. Mch. 19, 1865.  
 87. Distrib. of Col. along Lake Mich. Beach, <Proc. Wis. N. H. Soc. 1887, pp. 132-140.  
 Milwaukee Co.  
 08. Studies on *Cremastochilus* and *Heterius* <J. N. Y. Ent. Soc. XVI, 1908, pp. 68-79, 135-143.  
 11. Myrm. Beetles, genus *Xenodusa* <J. N. Y. Ent. Soc. XIX, 1911, pp. 163-169.  
 An ant-nest *Coccinellid* <J. N. Y. Ent. Soc. XIX, 1911, pp. 169-174.  
 On *Melanetærius infernalis* <Psyche, XVIII, 1911, pp. 112-114.
- White, Adam**, b. Apl. 29, 1817.  
 47. Nomencl. Col. Ins. in Brit. Mus. I, *Cetoniadæ*, London, 1847, 56 pp.  
 Nomencl. Col. Ins. in Brit. Mus. II, *Hydrocanthari*, London, 1847, 59 pp.  
 48. Nomencl. Col. Ins. in Brit. Mus. III, *Buprestidæ*, London, 1848, 52 pp.  
 49. Nomencl. Col. Ins. in Brit. Mus. IV, *Cleridæ*, London, 1849, 68 pp.  
 53. Cat. of Col. Ins. in coll. of Br. Mus. VII, London, *Longicornia*, pt. 1, 1853, pp. 1-174, pl. 1-4.  
 55. Cat. of Col. Ins. in coll. of Br. Mus. VIII, London, *Longicornia*, pt. 2, 1855, pp. 175-412, pl. 5-10.
- Wickham, Henry F.** (Papers on Fossil Col. omitted), b. Oct. 26, 1866.  
 88. List of Coleop. Iowa City <Bull. Lab. Iowa, I, 1888, pp. 81-92.  
 Notes on Coleop. of southwest <Bull. Lab. Iowa, I, 1888, pp.  
 89. Collecting Notes <Ent. Amer. V, 1889, pp. 77-78.  
 90. Month on Vancouver Is. <Can. Ent. XXII, 1890, pp. 169-172.  
*Ceutorhynchus erysimi* <Ent. Amer. VI, 1890, p. 44.  
*Stenopodius flavidus* <Ent. Amer. VI, 1890, p. 52.  
 Western *Tenebrionidæ* <Ent. Amer. VI, 1890, pp. 83-88.  
 Notes fr. the Northwest <Ent. News, I, 1890, pp. 33-36.  
 Habits of some *Meloini* <Ent. News, I, 1890, pp. 89-90.  
 91. Through the Pinal Mts. <Ent. News, II, 1891, pp. 130-133.  
 92. Our Winter Beetles <Can. Ent. XXIV, 1892, pp. 99-101.  
 Note on *Cyehrus* <Ent. News, III, 1892, pp. 6-8.  
 Early Use of Kerosene <Insect Life, IV, 1892, pp. 332-333.  
 Cayenne pepper feeder <Insect Life, IV, 1892, p. 332.  
 \*On *Myrmecophilous* Coleop. <Psyche, VI, 1892, pp. 321-323.  
 Collecting in the far North <Ent. News, III, 1892, pp. 139-143.  
 Collecting in the far North, II <Ent. News, III, 1892, pp. 256-258.  
 Packing ins. for transportation <Can. Ent. XXIV, 1892, pp. 117-118.  
 Desc. four ins. monstrosities <Can. Ent. XXIV, 1892, pp. 141-142.  
 93. Col. fr. high mts. of Br. Col. <Am. Nat. 1893, pp. 164-166.  
 Field Notes fr. Tex. and La. <Can. Ent. XXV, 1893, pp. 139-143.  
 Stinging powers of *Ichneumon* <Ent. News, IV, 1893, pp. 301-302.  
 Color Varieties in *Crossidius* <Can. Ent. XXV, 1893, pp. 189-194.  
 On the attraction of light <Psyche, VI, 1893, pp. 391-392.  
 Early Stages of 3 N. Am. Col. <Bull. Lab. Iowa, II, 1893, pp. 195-201.  
 Rept. ent. recon. So. Alaska <Bull. Lab. Iowa, II, 1893, pp. 202-233.  
 On 2 sp. Col. intr. fr. Europe <Bull. Lab. Iowa, II, 1893, p. 234.  
 Studies of ♂ tarsus <Bull. Lab. Iowa, II, 1893, pp. 322-329.  
 Desc. early stages N. Am. Col. <Bull. Lab. Iowa, II, 1893, pp. 330-344.  
 94. Aquatic larvæ and parasites <Can. Ent. XXVI, 1894, pp. 39-41.  
 Habits of Oceanic Hemip. <Ent. News, V, 1894, pp. 33-36.  
 Add. Note on Oceanic Hemip. <Ent. News, V, 1894, p. 78.  
 Why *Erebus* enters houses <Ent. News, V, 1894, p. 117.  
*Otiorhynchus ovatus* in N. Am. <Societas Ent. IX, 1894, pp. 130-131.  
 Col. of Can. *Cicindelidæ* <Can. Ent. XXVI, 1894, pp. 149-154.  
 Col. of Can. *Scarabæidæ* <Can. Ent. XXVI, 1894, pp. 197-207.  
 Col. of Can. *Scarabæidæ* <Can. Ent. XXVI, 1894, pp. 229-234.  
 Col. of Can. *Scarabæidæ* <Can. Ent. XXVI, 1894, pp. 259-264.  
 Col. of Can. *Coccinellidæ* <Can. Ent. XXVI, 1894, pp. 297-306.



## Wickham

94. Col. of Can. Endom. Erotyl:  
Col. [of Iowa]  
Larvæ and Pupæ of Hololepta  
Larvæ of Tritoma, etc.  
Further Notes on Col. and Ants
95. Wassman's Verzeichniss  
Wassman's Verzeichniss  
Prel. Handbook Col. Myas, etc.  
Col. of Can. Cucujidæ  
Col. of Can. Haliplidæ, Dytiscidæ  
Col. of Can. Haliplidæ, Dytiscidæ  
Col. of Can. Haliplidæ, Dytiscidæ  
Col. of Can. Hydrophilidæ  
Col. of Can. Hydrophilidæ  
Col. of Can. Cleridæ  
Larva of Hydrocharis, etc.  
Early Stages of Carabidæ  
A note on ins. of Tortugas  
Suppl. to Iowa City List  
Notes on trip to Bahamas  
Larva of Lucidota, etc.
96. Prel. Handbook Col. Amara, etc.  
Rev. Camb. Nat. Hist.  
Col. of Can. Meloidæ  
Col. of Can. Chrysomelidæ  
Col. of Can. Chrysomelidæ  
Col. of Can. Chrysomelidæ  
Col. of Can. Chrysomelidæ  
List of Lake Sup. Col.  
List of Col. fr. N. Mex. and Ariz.  
Larvæ of Heterom. Col.  
Coll. Indiana Cave Beetles  
On Col. w. Ants, III
97. Col. of Can. Chrysomelidæ  
Col. of Can. Chrysomelidæ  
Col. of Can. Chrysomelidæ  
Col. of Can. Cerambycidæ  
Col. of Can. Cerambycidæ  
Col. of Can. Cerambycidæ  
Col. of Can. Cerambycidæ  
Col. of Can. Cerambycidæ  
Col. of Can. Cerambycidæ  
\*Col. of Lower Rio Grande  
Recollections old coll. grounds, I
98. Recollections old coll. grounds, II  
Recollections old coll. grounds, III  
Recollections old coll. grounds, IV  
Recollection old coll. grounds, V  
Recollections old coll. grounds, VI  
Beetles of So. Ariz.  
Col. of Can. Cerambycidæ  
Col. of Can. Oedemeridæ  
Insects coll. by F. Russell  
\*Col. w. Ants, IV
99. \*Habits of Am. Cicindelidæ  
Col. of Can. Lucanidæ  
Col. of Can. Pythidæ  
Col. of Can. Supplementary  
Recollections old coll. grounds, VII  
Recollections old coll. grounds, VIII  
Recollections old coll. grounds, IX  
Review of Wassman  
Scyd. and Pselaph. occ. Iowa  
Eleodes in Iowa
00. Col. w. Ants, V  
Obituary Hugo Soltan  
Notes on Cicind. fr. S. W. states  
Recollections old coll. grounds, X
- <Can. Ent. XXVI, 1894, pp. 307-342.  
<Proc. Iowa Ac. Sci. II, 1894, pp. 45-51.  
<Am. Nat. 1894, pp. 816-820.  
<Ent. News, V, 1894, pp. 260-263.  
<Psyche, VII, 1894, pp. 79-81.  
<Can. Ent. XXVII, 1895, pp. 23-30.  
<Ent. News, VI, 1895, pp. 55-56.  
<Journ. N. Y. Ent. Soc. III, 1895, pp. 180-190.  
<Can. Ent. XXVII, 1895, pp. 25-29.  
<Can. Ent. XXVII, 1895, pp. 69-76.  
<Can. Ent. XXVII, 1895, pp. 117-122.  
<Can. Ent. XXVII, 1895, pp. 149-153.  
<Can. Ent. XXVII, 1895, pp. 181-186.  
<Can. Ent. XXVII, 1895, pp. 213-216.  
<Can. Ent. XXVII, 1895, pp. 247-253.  
<Ent. News, VI, 1895, pp. 168-171.  
<Am. Nat., 1895, pp. 762-766.  
<Ent. News, VI, 1895, pp. 210-212.  
<Bull. Lab. Ia. III, 1895, pp. 36-40.  
<Can. Ent. XXVII, 1895, pp. 291-296.  
<Bull. Lab. Ia. III, 1895, pp. 31-35.  
<Journ. N. Y. Ent. Soc. IV, 1896, pp. 33-49.  
<Can. Ent. XXVIII, 1896, pp. 29-30.  
<Can. Ent. XXVIII, 1896, pp. 31-35.  
<Can. Ent. XXVIII, 1896, pp. 67-74.  
<Can. Ent. XXVIII, 1896, pp. 151-157.  
<Can. Ent. XXVIII, 1896, pp. 171-174.  
<Can. Ent. XXVIII, 1896, pp. 199-203.  
<Proc. Dav. Ac. Sci. VI, 1896, pp. 125-169.  
<Bull. Lab. Ia. III, 1896, pp. 153-171.  
<Journ. N. Y. Ent. Soc. IV, 1896, pp. 118-124.  
<Ann. Rept. Geol. Ind. 1896, pp. 193-197.  
<Psyche, VII, 1896, pp. 370-372.  
<Can. Ent. XXIX, 1897, pp. 7-12.  
<Can. Ent. XXIX, 1897, pp. 29-37.  
<Can. Ent. XXIX, 1897, pp. 60-63.  
<Can. Ent. XXIX, 1897, pp. 81-88.  
<Can. Ent. XXIX, 1897, pp. 105-111.  
<Can. Ent. XXIX, 1897, pp. 148-153.  
<Can. Ent. XXIX, 1897, pp. 169-170.  
<Can. Ent. XXIX, 1897, pp. 187-193.  
<Can. Ent. XXIX, 1897, pp. 201-208.  
<Bull. Lab. Ia. IV, 1897, pp. 96-115.  
<Ent. News, VIII, 1897, pp. 165-168.  
<Ent. News, IX, 1898, pp. 22-24.  
<Ent. News, IX, 1898, pp. 39-40.  
<Ent. News, IX, 1898, pp. 81-84.  
<Ent. News, IX, 1898, pp. 195-198.  
<Ent. News, IX, 1898, pp. 235-238.  
<Bull. Lab. Ia. IV, 1898, pp. 295-312.  
<Can. Ent. XXX, 1898, pp. 37-44.  
<Can. Ent. XXX, 1898, pp. 149-152.  
<Explorations in Far North, 1898, pp. 276-280.  
<Psyche, VIII, 1898, pp. 219-221.  
<Proc. Dav. Ac. N. S. VII, 1899, pp. 206-228.  
<Can. Ent. XXXI, 1899, pp. 21-25.  
<Can. Ent. XXXI, 1899, pp. 57-61.  
<Can. Ent. XXXI, 1899, pp. 81-86.  
<Ent. News, X, 1899, pp. 5-8.  
<Ent. News, X, 1899, pp. 120-123.  
<Ent. News, X, 1899, pp. 196-199.  
<Can. Ent. XXXI, 1899, pp. 269-272.  
<Proc. Iowa Ac. Sci. VII, 1899, pp. 60-63.  
<Proc. Iowa Ac. Sci. VII, 1899, pp. 59-60.  
<Psyche, IX, 1900, pp. 3-5.  
<Ent. News, XI, 1900, p. 450.  
<Societas ent. XV, 1900, pp. 81-82.  
<Ent. News, XI, 1900, pp. 597-600.

\* Contains descriptions of new species.



**Wickham**

01. \*Two new blind . . . *Adranes*  
Some ins. Hudsonian zone in N. Mex.  
*Cicindelidæ* at artificial light
  02. \*Two new *Silphidæ* fr. Colo.  
Cat. of Col. of Colo.
  03. \*New Col. fr. western U. S.  
San Francisco; a Reminiscence  
The beetles of an Oregon beach  
\*No. Amer. sp. of *Pedilophorus*  
Gynandromorphism in *Lucanus*  
Meristic Variation in *Corydalis*
  04. Metamorphoses of *Aegialites*  
Obituary of Rev. P. J. Schmitt  
Reduplication of tarsus in *Hydrocharis*  
Influence of Pleistocene lakes on dist.  
"Protective Resemblance" in Ariz.  
\*Systematic position of *Aegialites*  
Insect Distribution in Great Basin
  05. \*No. Amer. sp. *Cotalpa*  
\*New sp. Col. fr. western U. S. II  
Knowledge of nature in ins. control  
Ants and Plant Lice
  06. Rev. of Horn's Syst. Index *Cicind.*  
Races of *Cic. tranquebarica*  
\*Rev. of sp. of *Tanarthropsis*
  09. Preparation of beetles for microscope  
Notes on a thread-legged bug  
Review of Blaisdell's *Eleodini*
  10. Note on *Emesa longipes*  
Review of Horn's *Cicindelinae*  
List of Van Duzee Florida beetles
  11. Review of Horn's *Cicindelinae*  
Review of Col. of Ind.  
List of Col. of Iowa
  12. *Aletia argillacea*
  13. \*New N. Am. Elat. and Scarab.
  15. Swarm of Monarch butterflies
  16. \*New Brach. Trog. fr. Colo.
  18. Feeding hab. of Harvest Spider  
\*Interesting n. sp. *Eleodes*
- Wickham and Brendel, E.**  
90. *Pselaphidæ* of N. Am.
- Wickham and Wolcott, A.B.**  
12. Notes on *Cleridæ* fr. N. and C. Am.
- Wiedemann, Christian R. W.**, b. 1770; d. 1840.  
21. Die entomolog. Artikel, etc.
- Williams, F. X.**, b. Aug. 6, 1882.  
14. Prothetely  
Notes on *Hornia* and *Amblychila*- 16. Photogenetic organs . . . of *Lampyrids*
- 17. Life History of N. A. *Lampyridæ*

**Williston, S. W.**, b. July 10, 1852; d. Aug. 30, 1918.  
77. Habits of *Amblycheila*

**Wilson, Harold B.**  
78. *Cucujus clavipes*

**Wissmann,**  
48. Entomologische Notizen

**Wolcott, A. B.**  
95. Col. of Central Illinois  
98. An Insect Monstrosity  
08. Suppl. List Isle Royale Beetles  
New sp. *Hydnocera*  
No. Am. sp. *Chariessa*- 10. Syn. of *Aulicus*  
Notes on *Cleridæ*  
Desc. of *Cleridæ*  
*Cleridæ* of Public Museum
- 11. New Am. *Cleridæ*  
Review of Schenckling

<Can. Ent. XXXIII, 1901, pp. 25-28.  
<Psyche, IX, 1901, pp. 150-151.  
<Entom. Student, II, 1901, pp. 20-21.  
<Can. Ent. XXXIV, 1902, pp. 180-181.  
<Bull. Lab. Ia. V, 1902, pp. 217-310.  
<Can. Ent. XXXV, 1903, pp. 67-74.  
<Ent. News, XIV, 1903, pp. 123-125.  
<Ottawa Nat. XVII, 1903, pp. 49-52.  
<Can. Ent. XXXV, 1903, pp. 179-182.  
<Can. Ent. XXXV, 1903, pp. 205-206.  
<Can. Ent. XXXV, 1903, p. 207.  
<Can. Ent. XXXVI, 1904, pp. 57-60.  
<Can. Ent. XXXVI, 1904, p. 188.  
<Ent. News, XV, 1904, pp. 237-238.  
<Am. Nat. XXXVIII, 1904, pp. 643-654.  
<Ent. News, XV, 1904, p. 307.  
<Can. Ent. XXXVI, 1904, pp. 356-357.  
<Rept. Ent. Soc. Ont. XXXV, 1904, pp. 42-46.  
<Journ. N. Y. Ent. Soc. XIII, 1905, pp. 1-4.  
<Can. Ent. XXXVII, 1905, pp. 165-171.  
<Trans. Iowa Hort. Soc. XL, 1905, pp. 296-300.  
<Proc. Iowa Park & F. A., V, 1905, pp. 109-110.  
<Can. Ent. XXXVIII, 1906, pp. 24-27.  
<Ent. News, XVII, 1906, pp. 43-48.  
<Trans. Am. Ent. Soc. XXXII, 1906, pp. 165-172.  
<Can. Ent. XLI, 1909, pp. 1-5.  
<Ottawa Nat. XXII, 1909, pp. 255-257.  
<Can. Ent. XLI, 1909, pp. 405-407.  
<Ent. News, XXI, 1910, pp. 27-30, pl.  
<Can. Ent. XLII, 1910, pp. 65-68.  
<Bull. Buff. Soc. N. S. IX, 1910, pp.  
<Can. Ent. XLIII, 1911, p. 36.  
<Ent. News, XXII, 1911, p. 46.  
<Bull. Lab. Ia. VI, 1911, pp. 1-40.  
<Ent. News, XXIII, 1912, p. 184.  
<Psyche, XX, 1913, pp. 27-31.  
<Ent. News, XXVI, 1915, pp. 467.  
<Psyche, XXIII, 1916, pp. 146-148.  
<Ent. News, XXIX, 1918, p. 115.  
<Ent. News, XXIX, 1918, pp. 255-257.

<Bull. Lab. Ia. 1890-91, pp. 216-304; 1-84, pl.

<Bull. Lab. Ia. VI, 1912, pp. 46-67.

<Germar Mag. Ent. IV, 1821, p. 300.

<Psyche, XXI, 1914, p. 126.  
<Ent. News, XXV, 1914, pp. 1-9, 2 pl.  
<J. Morphol. XXVIII, 1916, pp. 145-208, 10 pl.  
<J. N. Y. Ent. Soc. XXV, 1917, pp. 11-33.

<Can. Ent. IX, 1877, pp. 163-165.

<Bull. Br. Ent. Soc. I, 1878, p. 56.

<Stett. Ent. Zeitschr. IX, 1848, pp. 62-63.

<Ent. News, VI, 1895, pp. 309-310.  
<Ent. News, IX, 1898, p. 162, pl.  
<Mich. Survey, 1908, pp. 204-211.  
<Can. Ent. XC, 1908, pp. 229-233.  
<Ent. News, XIX, 1908, pp. 70-72.  
<Can. Ent. XLII, 1910, pp. 245-246.  
<Field Mus. Publ. VII, 1910, pp. 339-401.  
<Ent. News, XXI, 1910, pp. 320-323.  
<Bull. Wisconsin N. H. Soc. VII, 1910, pp. 93-102.  
<Ent. News, XXII, 1911, pp. 115-125.  
<Can. Ent. XLIII, 1911, pp. 107-108.

**Wolcott**

12. Two new sp. Coleop. fr. Ill. <Can. Ent. XLIV, 1912, pp. 161-162.  
 Notes on Cleridæ fr. N. and C. Am. <Bull. Lab. Ia. VI, 1912, pp. 46-67.  
 18. Notes on Cleridæ (w. Chapin) <Bull. Br. Ent. Soc. XIII, 1918, pp. 107-108.

**Wollaston, T. Vernon**, b. Mch. 19, 1822; d. Jan. 4, 1877.

54. Insecta Maderensia, etc., London, 1854.  
 55. Desc. of two Col. ins. new to B. f. <Zoologist, 1855, XIII, App. pp. 205-207.  
 57. Cat. of Col. of Madcira, etc., London, 1857.  
 58. On grooves in the eyes of c. Col. <Trans. Ent. Soc. Lond. (2), IV, 1858, pp. 68-69.  
 60. Additions to Madeiran Col. <Ann. Mag. Nat. Hist. (3), V, 1860, p. 217, etc.  
 61. On cert. Col. Ins. fr. Cape of Good Hope <Journ. of Ent. I, 1861, pp. 133-146.  
 On the Anobiidæ of the Canary Is. <Ann. Mag. Nat. Hist. (3), VII, 1861, pp. 11-19.  
 73. Genera of Cossoninæ <Trans. Ent. Soc. Lond. 1873.  
 Dendrodipnis <Ent. Mo. Mag. X, 1873, pp. 33-34.

**Woodhouse, James, M.D.**, Prof. Chemistry in Univ. of Pa.

00. Of American Blistering Flies <Medical Repository, III, New York, 1800, pp. 213-214.

(also in vol. I or II apparently the earliest descriptions published in America.)

**Woods, William C.**, b. May 9, 1893.

18. Biology of Maine sp. Altica <Bull. 273, Maine Ag. Ex. Sta. 1918, pp. 149-204.

**Wytsman, M. P.**

84. Cat. syst. des Passalides <Ann. Mus. Genova, (2), I, 1884, pp. 326-348.

**Xambeu, Pierre**, b. 1837; d. June 9, 1917.

92. Mœurs et mét. d'insectes, parts 1-12, Lyon, 1892-1903.

**Yothers, M. A.**, b. 1883.

16. Bud weevils . . . of Washington <Bull. 124, Agl. Exp. Sta. Wash. 1916, pp. 1-43, pl.

**Zaitzev, Philipp.**

07. Synonymie, Zusätze, etc. <Rev. Russe Ent. (7), pt. 2, 3, 1907, pp. 114-124.  
 08. Cat. des Col. aquatiques <Horæ Soc. Ent. Ross. XXXVIII, 1908, pp. 283-420.  
 09. Remark on Ignotus ænigmaticus <Can. Ent. XLI, 1909, p. 37.  
 10. Dryopidæ, Georyssidæ, Heteroceridæ <Junk Col. Cat. pars 17, 1910.

**Zetterstedt, Johann W.**, b. May 20, 1785.

28. Fauna Insectorum Lapponica, Hammone, 1828, 563 pp.  
 34. Nagra nya Svenske Insect-arter, etc. <Act. Holm. 1834, pp. 149-159.

**Ziegler, Daniel.**, b. June 11, 1804; d. May 23, 1876.

44. Desc. of new No. Am. Col. <Proc. Ac. N. S. Phila. II, 1844, pp. 43-47; 266-272.

For determination of 36 species described  
 above, see Henshaw

For biographical notice see Hagen

<Can. Ent. XVII, 1885, pp. 131-132.

<Can. Ent. XVII, 1885, pp. 132-133.

**Zimmermann, C.**, b. Sept. 6, 1800; d. Dec. 1867.

31. Monographie der Carabiden, Berlin, 1831, pp. 1-76 (Zabroides only).  
 32. Ueber die C. Gatt. Amara <Gistel Faunus, I, 1832, pp. 5-40.  
 40. Tachygonus lecontei <Germ. Zeit. Ent. II, 1840, pp. 445-446.  
 68. Syn. of Scolytidæ (ed. by Leconte) <Trans. Am. Ent. Soc. I, 1868, pp. 141-149.  
 69. Syn. Notes on Coleop. (ed. by Leconte) <Trans. Am. Ent. Soc. II, 1869, pp. 243-259.  
 74. Quotation from his Mss. by Leconte <Bull. Buff. Soc. N. H. 1874, p. 271.  
 89. Biog. and Bibliog. by Hagen <Can. Ent. XXI, 1889, pp. 53-57; 71-73.

**Zoological Record.**

64. Published annually by the Zoological Society of London. 1864-1916. Records n. sp. & etc.

**Zoologischer Anzeiger.**

76. Published in Leipzig since 1876.

## INDEX

---

- Ababa, 152  
 Ababactus, 101  
 Abacidus, 57  
 Abax, 57  
 Abdera, 239  
 Abletobium, 101  
 Abraeus, 138  
 Abryxis, 130  
 Abstrulia, 238  
 Acalles, 332, 363  
 Acallodes, 330  
 Acalophaena, 103  
 Acalyptus, 324, 362  
 Acamptini, 333  
 Acamptus, 333  
 Acanthinus, 164  
 Acanthocerinae, 253  
 Acanthocerus, 253  
 Acanthocinini, 282  
 Acanthocinus, 283  
 Acanthoderes, 282  
 Acanthoderini, 282  
 Acanthogethes, 195  
 Acanthoscelides, 304  
 Acanthoscelis, 330  
 Acanthurus, 264  
 Acholerops, 91  
 Achrastenus, 315  
 Achreioptera, 86  
 Achromota, 122  
 Achryson, 268  
 Achrysonini, 268  
 Acidota, 94, 352  
 Acilius, 81, 351  
 Acletus, 146  
 Acmægenius, 316  
 Acmæodera, 178  
 Acmæops, 271, 272  
 Acmæopsilla, 272  
 Acneus, 187  
 Acolobicus, 205  
 Acolonia, 128  
 Acolpus, 190  
 Acoma, 252  
 Aconobius, 231  
 Acoptus, 329  
 Acratrichini, 133  
 Acratrichis, 133  
 Acratus, 254  
 Acrepis, 245  
 Acrinea, 126  
 Acritinus, 138  
 Acritus, 138  
 Acrodon, \*  
 Acropteroxys, 200  
 Acroschismus, 343  
 Acrostilicus, 104  
 Acrotona, 122  
 Acrulia, 94  
 Actenobius, 241  
 Actenodes, 183  
 Actiastes, 128  
 Actinopteryx, 133  
 Actidium, 132  
 Actium, 128  
 Actobius, 106  
 Acupalpi, 73  
 Acupalpus, 74  
 Acylomus, 210  
 Acylophorus, 109, 352  
 Acyphoderes, 275  
 Acypothus, 329  
 Acytopheus, 329  
 Adaleres, 311  
 Adalia, 216, 357  
 Adasytes, 148  
 Adeliinae, 236  
 Adelina, 234  
 Adelocera, 166  
 Adelops, 87  
 Adelothyreus, 176  
 ADEPHAGA, 39  
 Aderocharis, 103  
 Aderus, \*  
 Adetus, 165  
 ADIMERIDÆ, 206  
 Adimerus, 206  
 Adimonia, 298  
 Adipocephalus, 363  
 Adistemia, 207  
 Aditoma, 205  
 Adocetus, 354  
 Adonia, 215  
 Adota, 119  
 Adoxini, 293  
 Adoxus, 293  
 Adranes, 132  
 Adrastina, 172  
 Ædilis, 283  
 Ægialia, 249, 358  
 Ægialiinae, 249  
 Ægialites, 160  
 ÆGIALITIDÆ, 160  
 Ægilopsis, 283  
 Ægomorphus, 282  
 Æletes, 138  
 Ænigmaticini, 92  
 Ænigmaticum, 92  
 Æolus, 167  
 Æpus, 74  
 Æsalinae, 264  
 Æthecerus, 279  
 Æthecerus, 279  
 Æthiopoctines, 282  
 Agabetes, 80  
 Agabetini, 80  
 Agabini, 79  
 Agabinus, 79  
 Agabus, 79, 351  
 Agæocera, 179  
 Agalissini, 278  
 Agalissus, 278  
 Agalliaphagus, 344  
 Agaosoma, 72  
 Agasphærops, 313  
 Agathengis, 203  
 Agathidium, 88  
 Agelasa, 298  
 Agelasini, 298  
 Agelastica, 298  
 Agelastici, 298  
 Ageonoma, 223  
 Agleni, 206  
 Aglenus, 206  
 Aglyptinus, 89  
 Aglyptonotus, 89  
 Aglyptus, 89  
 Agonoderus, 74  
 Agonoleptus, 74  
 Agonum, 63  
 Agra, 65  
 Agrabia, 217  
 Agraphus, 314  
 Agrilaxia, 182  
 Agrilini, 183  
 Agrilus, 183, 355  
 Agrini, 65  
 Agriotes, 172, 354  
 Agriotina, 172  
 Agriotini, 172  
 Agronus, 314  
 Agrypnina, 166  
 Agrypnus, 166  
 Agrytes, 87, 351  
 Aidochara, 124  
 Airora, 193  
 Akephorus, 47  
 Alæphus, 236  
 Alamona, 259  
 Alaudes, 232  
 Alaus, 167  
 Alceidini, 312  
 Aleochara, 124  
 Aleocharæ, 124  
 Aleocharinae, 112  
 Aleocharini, 124  
 Aleocharopsis, 352  
 Aleodorus, 124  
 Alethia, 218  
 Alexia, 209  
 Alindria, 193  
 Alisalia, 113  
 Alitargus, 204  
 Allæocnemis, 245  
 Allandrus, 307  
 Allecula, 218  
 ALLECULIDÆ, 218, 357  
 Alleculinae, 218  
 Allocorhyninae, 310  
 Allocorhynus, 310

\*See List of Errata.



- Allomimus, 334  
 Allonyx, 148  
 Allopoda, 239  
 Allopogon, 187  
 Allopogonia, 187  
 Allorhina, 262  
 Alloxaxis, 154  
 Alniphagus, 338  
 Alobates, 235  
 Alobus, 254  
 Aloconota, 120  
 Alophini, 316  
 Alphitobius, 234  
 Alphitophagus, 233  
 Altica, 300  
 Alyca, 324  
 Alycodes, 318  
 Alymeris, 148  
 Amannus, 280  
 Amara, 61, 350  
 Amarantha, 233  
 Amarini, 59  
 Amarochara, 127  
 Amartus, 195, 356  
 Amarygminæ, 237  
 Amaurorhinus, 335  
 Amblopusa, 114  
 Amblycheila, 39  
 Amblychila, 39  
 Amblyctis, 239  
 Amblyderus, 163  
 Amblyopusa, 114  
 Ambrosiodmus, 341  
 Amechamus, 252  
 Amenusa, 113  
 Mercedes, 329  
 Amerinus, 74  
 Amerizus, 53  
 Amidobia, 121  
 Amischa, 120  
 Aminodonus, 232  
 Amnesia, 311  
 Amniscus, 282  
 Anotus, 311  
 Ampelogypter, 327  
 Amphasia, 72  
 Ampheremus, 179  
 Amphicerus, 244, 358  
 Amphichroum, 95  
 Amphicoma, 253, 358  
 Amphicrossus, 196  
 Amphicyrta, 192, 356  
 Amphicyrtinæ, 192  
 Amphicyrtini, 192  
 Amphidora, 236  
 Amphidorinæ, 236  
 Amphionycha, 286  
 Amphizoa, 75  
 AMPHIZOIDÆ, 75  
 Amphotis, 196  
 Amydrognus, 311  
 Anacæna, 84  
 Anachilus, 165  
 Anacolini, 266  
 Anacomis, 275  
 Anacyptus, 110  
 Anadaptus, 73  
 Anædus, 236  
 Anaferonia, 56  
 Anaglyptus, 278  
 Anagrylius, 261  
 Analcis, 332  
 Anamesus, 166  
 Anametis, 311  
 Anamorphus, 209  
 Anapleus, 138  
 Anaquedius, 109  
 Anaspidini, 156  
 Anaspis, 156  
 Anastictodera, 110  
 Anastrategus, 261  
 Anataxis, 179  
 Anatheta, 121  
 Anatis, 217, 357  
 Anatrechus, 55  
 Anatrichis, 69  
 Anatinodia, 263  
 Anatropis, 263  
 Anaulacaspis, 124  
 Ancæus, 93  
 Anchastus, 174, 354  
 Anchicera, 204  
 Anchodemus, 320  
 Anchomma, 205  
 Anchonoderi, 64  
 Anchonoderini, 64  
 Anchonoderus, 64  
 Anchonomenus, 63  
 Anchonini, 334  
 Anchonus, 334  
 Anchorius, 202  
 Anchus, 64  
 Anchyteis, 187  
 Anchylarthron, 130  
 Anchytarsini, 187  
 Anchytarsus, 187  
 Ancillota, 123  
 Ancistronycha, 143  
 Ancognatha, 260  
 Ancylocera, 278  
 Ancylocerini, 278  
 Ancylocheira, 180  
 Ancylyoncha, 255  
 Ancyronychini, 186  
 Ancyronyx, 186  
 Ancyrophorus, 95  
 Andrector, 298  
 Andrimus, 219  
 Androchirus, 219  
 Androlyperini, 298  
 Androlyperus, 298  
 Aneflomorpha, 269  
 Aneflus, 269  
 Anelastes, 177  
 Anelpistus, 240  
 Anemia, 232  
 Anepsiini, 223  
 Anepsiota, 118  
 Anepsius, 223  
 Anepsyra, 269  
 Ancurota, 124  
 Aniara, 234  
 Aniarus, 234  
 Anillaspis, 53  
 Anillinus, 53  
 Anillus, 53  
 Anisandrus, 342  
 Anisocalvia, 217  
 Anisodactyli, 72  
 Anisodactylus, 72  
 Anisomera, 79  
 Anisorus, 271  
 Anisostena, 303  
 Anisostica, 215  
 Anisotarsus, 73  
 Anisotoma, 88, 351  
 Anisotominæ, 88  
 Anisoxya, 239  
 Anitra, 131  
 ANOBIIDÆ, 241, 358  
 Anobiinæ, 241  
 Anobiini, 241  
 Anobiopsis, 242  
 Anobium, 242, 358  
 Anogdus, 88  
 Anomadus, 313  
 Anomala, 258, 358  
 Anomalepta, 258  
 Anomalini, 258  
 Anomalopus, 259  
 Anomœa, 288  
 Anomœarthrum, 237  
 Anomoglossus, 69  
 Anomophagus, 197  
 Anophthalmus, 55  
 Anopleta, 119  
 Anoplis, 180  
 Anoplitis, 303  
 Anoplium, 269  
 Anoplocephalus, 260  
 Anoplognathos, 261  
 Anoplotrupes, 252  
 Anops, 129  
 Anorus, 187  
 Anotylus, 96  
 Anovia, 214  
 Antennalia, 266  
 Anthaxia, 182, 355  
 Anthericomma, 344  
 Antherophagus, 202, 356  
 ANTHICIDÆ, 162  
 Anthicus, 163  
 Anthobates, 156  
 Anthobium, 93  
 Anthoboscus, 277  
 Anthocomus, 146  
 Anthonæus, 194  
 Anthonomini, 322  
 Anthonomochæta, 323  
 Anthonomocyllus, 322  
 Anthonomopsis, 324  
 Anthonomorphus, 322  
 Anthonomus, 322  
 Anthophagus, 95  
 Anthophilax, 276  
 Anthracus, 74  
 Anthracopteryx, 171  
 Anthrenini, 190  
 Anthrenus, 190  
 ANTHRIBIDÆ, 306  
 Anthribini, 307  
 Anthribulus, 307  
 Anthribus, 307, 360  
 Antipus, 288  
 Apagiognathus, 265  
 Apalonia, 116  
 Aparapion, 320  
 Apate, 244, 339  
 Apatides, 245  
 Apatura, 181

- Apenes, 67  
 Aphanobius, 172  
 Aphanotus, 234  
 Aphelogenia, 66  
 Apheloglossa, 113  
 Aphodiinae, 249  
 Aphodiini, 249  
 Aphodius, 249, 358  
 Aphonides, 261  
 Aphonus, 261  
 Aphorista, 209  
 Aphrastus, 315  
 Aphricus, 166  
 Aphthona, 302  
 Aphthonini, 302  
 Apion, 309, 361  
 APIONIDÆ, 308  
 Apioninae, 309  
 Aplagiognathus, 265  
 Aplastus, 166  
 Apleurus, 325  
 Aplocentrus, 72  
 Aploderus, 96  
 Apocellus, 96  
 Apocrypha, 236  
 Apocryphinae, 236  
 Aporataxia, 284  
 Apothinus, 128  
 Apotrepus, 334  
 Apractelytra, 343  
 Apristus, 66  
 Apsectus, 191  
 Apsena, 226  
 Apsida, 233  
 Apteralium, 101  
 Apteromechus, 333  
 Apteronina, 116  
 Apterospasta, 158  
 Apterospastides, 159  
 Aptopus, 175  
 Aracanthus, 312  
 Aracocerus, 100  
 Aræocerini, 307  
 Aræocerus, 100, 307  
 Aræoderes, 307  
 Aræopidius, 187  
 Aræopus, 187  
 Aræoschizini, 223  
 Aræoschizus, 223  
 Aragnomus, 315  
 Aramigus, 313  
 Arawana, 217  
 Archandra, 265  
 Archetypi, 265  
 Archiorhynchus, 363  
 Archodontes, 265  
 Archophileurus, 262  
 Ardistomis, 48  
 Aremia, 122  
 Areus, 99, 100  
 Argaleus, 272  
 Argante, 180  
 Argopistes, 300  
 Argoporis, 266  
 Argutor, \*  
 Arhopalus, 277  
 Arianops, 129  
 Arimimelus, 93  
 Ariotus, 165  
 Arisota, 122  
 Armalia, 220  
 Arpedium, 94, 352  
 Arrhenoplita, 233  
 Arrhipis, 176  
 Arsipodini, 301  
 Arthmius, 129  
 Arthrolips, 92  
 Arthromacra, 237  
 Articerus, 132  
 Artipus, 314, 361  
 Artobium, 242  
 Artochia, 95  
 Asaphes, 170  
 Asaphidion, 49  
 Asbolus, 87, 224  
 Asclera, 154  
 Asclerini, 154  
 Ascydmini, 91  
 Ascydmus, 91  
 Aseminae, 267  
 Asemini, 267  
 Asemobius, 95  
 Asemum, 267  
 Asida, 225  
 Asidina, 225  
 Asidini, 224  
 Asidopsis, 226  
 Aspathines, 238  
 Asphæra, 299  
 Aspicelini, 299  
 Aspidoglossa, 48  
 Astenus, 105  
 Asthenesita, 121  
 Astilbus, 116  
 Astrotus, 224  
 Astylidius, 282  
 Astyloopsis, 282  
 Asydates, 146  
 Atænius, 251, 358  
 Ataxia, 284  
 Ataxiini, 284  
 Ateoteles, 115  
 Atheta, 117, 352  
 Athetalia, 118  
 Athetota, 118  
 Atholister, 136  
 Atholus, 136  
 Athouina, 168  
 Athous, 168, 354  
 Atimnia, 279  
 Atimiini, 279  
 Atinus, 131  
 Atomaria, 203  
 Atomariinae, 203  
 Atomariini, 203  
 Atopa, 187  
 Atractodes, 174  
 Atractopterus, 172  
 Atrani, 64  
 Atranus, 64  
 Attagenini, 189  
 Attagenus, 189, 356  
 Attalus, 146  
 Attalusinus, 145  
 ATTELABIDÆ, 308  
 Attelabinae, 309  
 ATTELABOIDEA, 308  
 Attelabus, 309  
 Atylostagma, 268  
 Atysini, 296  
 Auchmobiiini, 221  
 Auchmobius, 221  
 Augochlorophilus, 343  
 Aulacoseclis, 286  
 Aulettes, 308, 360  
 Auletini, 308  
 Auleutes, 330  
 Aulicus, 150  
 Aulobaris, 327, 363  
 Aulonium, 205  
 Aulonothroscus, 177  
 Autalia, 113  
 Axestinus, 269  
 Axinocerus, 190  
 Axinopalpus, 66  
 Axion, 217  
 Axylophilus, 165  
 Babia, 288  
 Babiini, 288  
 Bacanius, 138  
 Bactridium, 198  
 Bactrocerus, 162  
 Badister, 62, 350  
 Badura, 121  
 Bæocera, 134  
 Bagous, 320  
 Balanini, 322  
 Balaninus, 322, 362  
 Baliosus, 303  
 Bamona, 113  
 Baptolinus, 106  
 Barides, 326  
 Baridius, 326  
 Barilepton, 329  
 Barini, 326  
 Barinus, 329  
 Baris, 326, 362  
 Baropsis, 333  
 Barynotini, 314  
 Barynotus, 314  
 Baryodma, 124  
 Barypeithes, 314  
 Barytachys, 53  
 Barytychius, 318  
 Basitoxi, 265  
 Basolum, 128  
 Bassareus, 291  
 Bathona, 91  
 Bathyris, 312  
 Batophila, 302  
 Batrisini, 129  
 Batrisodes, 129  
 Batrisus, 129  
 Batuliini, 223  
 Batuliodes, 223  
 Batulius, 223  
 Batyle, 280  
 Batyleoma, 280  
 Baulius, 163  
 BELIDÆ, 308  
 Belionota, 183  
 Bellamira, 274  
 Belonia, 208

\* See List of Errata.

- Belonuchus, 108  
 Belotus, 144  
 Bembidiini, 49  
 Bembidion, 49, 350  
 Bembidium, 49  
 Bergini, 246  
 Berginus, 246  
 Berosini, 83  
 Berosus, 83, 351  
 Betarmon, 172  
 Beyeria, 127  
 Biblioplectus, 129  
 Biblomimus, 129  
 Bibloporus, 128  
 Bidessini, 77  
 Bidessus, 77, 351  
 Biocrypta, 101  
 Biomorphus, 236  
 Biotus, 131  
 Biphyllini, 202  
 Bisnius, 106  
 Bitoma, 205  
 Bius, 236  
 Bladus, 169  
 Blanchardia, 142  
 Blaps, 226  
 Blapstini, 231  
 Blapstinus, 231, 357  
 Blaptini, 226  
 Blapylis, 228  
 Blastophagus, 339  
 Blatchleya, 142  
 Blauta, 173  
 Blechrus, 66  
 Bledius, 97, 352  
 Blemus, 54  
 Blepharida, 298  
 Blepharidini, 298  
 Blepharhymenius, 127  
 Blethisa, 46  
 Blitophaga, 87  
 Blosyrini, 313  
 Bolboceras, 252  
 Bolbocerasoma, 252  
 Bolbocerini, 252  
 Boletobiini, 111  
 Boletobius, 111, 352  
 Bolitobius, 111  
 Bolitochara, 114  
 Bolitocharini, 113  
 Bolitophagini, 232  
 Bolitophagus, 232  
 Bolitotherus, 232  
 Bomius, 66  
 Bonvouloiria, 207  
 Borboropara, 124  
 Boreaphilus, 95  
 Boreobia, 60  
 Boros, 236  
 BOSTRICHIDÆ, 244, 358  
 Bostrichini, 244  
 Bostrichus, 245, 341  
 Bostrychopsis, 245  
 Bostrychulus, 245  
 Bothrideres, 206  
 Bothriderini, 206  
 Bothriophorini, 192  
 Bothriophorus, 192  
 Bothriopterus, 59  
 Bothrosterni, 337  
 Bothrosternus, 337  
 Bothrotes, 221  
 Bothynus, 260, 261  
 Botrodus, 206  
 Brachinini, 68  
 Brachinus, 68, 350  
 Brachyacantha, 212  
 Brachybamus, 319  
 Brachycephsis, 90  
 Brachycis, 247  
 Brachycopris, 248  
 Brachycoryna, 303  
 Brachycrepis, 174  
 Brachyderes, 313  
 Brachyderini, 313  
 Brachygluta, 130  
 Brachyglutini, 130  
 Brachyleptura, 272  
 Brachylobus, 69  
 Brachynotus, 143  
 Brachynus, 68  
 Brachyogmus, 324  
 Brachyontis, 230  
 Brachypeplus, 195  
 Brachypsectra, 187  
 Brachypsectrini, 187  
 Brachypterus, 194  
 BRACHYRHINIDÆ, 310  
 Brachyrhininæ, 314  
 Brachyrhinini, 314  
 Brachyrhinus, 314, 361  
 Brachys, 184  
 Brachysomida, 271  
 Brachyspathus, 355  
 Brachystylus, 315  
 Brachyta, 271  
 Brachytarsus, 307, 360  
 Brachyusa, 123  
 Bracteon, 49  
 Braderochus, 266  
 Bradycellus, 74  
 Bradycinetulus, 252  
 Bradycinetus, 252  
 Bradytus, 60  
 Bradyrhyncoides, 313  
 Branchini, 229  
 Branchus, 229  
 BRATHINIDÆ, 86  
 Brathinus, 86  
 Brennus, 44  
 Brenthus, 306  
 BRENTIDÆ, 306  
 BRENTOIDEA, 306  
 Brentus, 306  
 Briaraxis, 130  
 Brontes, 200  
 Brontini, 200  
 Broscini, 68  
 Brothylus, 268  
 BRUCHIDÆ, 304  
 Bruchidius, 304  
 Bruchus, 304  
 Brumus, 217  
 Bryaxis, 130  
 Brychius, 75  
 Bryobiota, 114  
 Bryocharis, 111  
 Bryonomus, 108  
 Bryoporus, 112  
 Bryothinusa, 114  
 BUPRESTIDÆ, 177, 355  
 Buprestini, 179  
 Buprestis, 180, 355  
 Buprestites, 355  
 BYRRHIDÆ, 191, 356  
 Byrrhinæ, 191  
 Byrrhini, 191  
 Byrrhodes, 244  
 Byrrhus, 191, 356  
 BYRSOPIDÆ, 333  
 Byrsopolis, 260  
 Bythinopsis, 131  
 Bythinus, 131  
 Byturinæ, 189  
 Byturosoma, 246  
 Byturus, 189  
 Caccoplectus, 131  
 Cacoplia, 281  
 Cacotemnus, 242  
 Cactophagus, 335  
 Cactopinus, 339  
 Cænia, 140  
 Cæniella, 140  
 Cænocara, 244  
 Cænocorse, 234  
 Cænoscelini, 203  
 Cænoscelis, 203  
 Cæporis, 300  
 Cærosternus, 137  
 Cafius, 108  
 Calais, 167  
 Calandra, 336  
 Calandrinus, 328  
 Calandrites, 363  
 Calathus, 62  
 Calendra, 336  
 Calendrinæ, 335  
 Calendrini, 336  
 Calitys, 194  
 Calleida, 66  
 Callicerus, 127  
 Callichroma, 275  
 Callichromini, 275  
 Callida, 66  
 Callidiini, 275  
 Callidiopini, 270  
 Callidiopsites, 359  
 Callidium, 276, 359  
 Calligrapha, 295  
 Callimoxys, 275, 359  
 Callimus, 275  
 Callipogonini, 265  
 Callisthenes, 45  
 Calliodes, 277  
 Callosobruchus, 305  
 Callotillus, 149  
 Calochara, 124  
 Calochromus, 140  
 Calodera, 127  
 Caloderma, 103  
 Calolymus, 152  
 Calopodinæ, 153  
 Calopteron, 140  
 Calopus, 153  
 Calosoma, 45, 349  
 Calospasta, 159  
 Calospastides, 159  
 Calymmaderus, 243  
 Calyptillini, 314



- Calyptillus, 314  
 Calyptobium, 207  
 Calyptocephalus, 141  
 Calyptomerus, 89  
 Camptocerini, 337  
 Camptodes, 196  
 Camptorhina, 254  
 Campylus, 169  
 Canastota, 121  
 Canifa, 239  
 Canistes, 332  
 Canonura, 283  
 CANTHARIDÆ, 142, 353  
 Cantharini, 143  
 Cantharis, 143, 158, 353  
 CANTHAROIDEA, 140  
 Canthon, 248  
 Canthonides, 248  
 Canthostethus, 291  
 Canthydrus, 76  
 Caphalistes, 146  
 Capnochroa, 219, 357  
 CARABIDÆ, 43, 349, 364  
 Carabinae, 43  
 Carabini, 44  
 Carabites, 350  
 CARABOIDEA, 39  
 Carabus, 44, 349  
 Carcinops, 137  
 Carcinopsida, 137  
 Cardiola, 124  
 Cardiophorinae, 175  
 Cardiophorus, 175, 354  
 Carebara, 239  
 Carpalimus, 95  
 Carphoborus, 338  
 Carphonotus, 334  
 Carpophilinae, 195  
 Carpophilini, 195  
 Carpophilus, 195, 356  
 Cartodere, 207  
 Caryoborus, 304  
 Casnonia, 65  
 Cassida, 304  
 Cassidinae, 304  
 Catalinus, 90  
 Catapastus, 329  
 Cateretes, 194  
 Cateretinae, 194  
 Catharellus, 73  
 Cathartus, 198  
 Catobaris, 363  
 Catogenus, 199  
 Catopomorphus, 87  
 Catops, 87  
 Catopsimorphus, 87  
 Catoptrichus, 87  
 Catorama, 243  
 Caulophilus, 334  
 Cebrio, 165  
 CEBRIONIDÆ, 165, 354  
 Cedius, 132  
 Celetes, 140  
 Celeuthetini, 314  
 Celia, 60  
 Celiomorphus, 71  
 Celina, 77  
 Celinini, 77  
 Cenophengus, 142  
 Cenoscelis, 234  
 Centrinides, 327  
 Centrinites, 328  
 Centrinogyna, 328  
 Centrinopus, 328  
 Centrinus, 327, 363  
 Centrioptera, 224  
 Centrocleonus, 325  
 Centrodera, 271  
 Centron, 361  
 Centronopus, 235  
 Ceophyllus, 132  
 Cephalogyna, 72  
 CEPHALOIDÆ, 153  
 Cephaloliini, 303  
 Cephaloon, 153  
 Cephaloscymnus, 214  
 Cephenniini, 96  
 Cephennium, 90  
 Ceracis, 247  
 CERAMBYCIDÆ, 265, 359  
 Cerambycinae, 267  
 Cerambycini, 268  
 CERAMBYCOIDEA, 265  
 Ceramphis, 91  
 Cerandria, 233  
 Cerasphorus, 268  
 Cerataltica, 302  
 Ceratoderus, 83, 162  
 Ceratographis, 283  
 Ceratomegilla, 215  
 Cercocerus, 132  
 Cercometes, 194  
 Cercolia, 274  
 Cercopeus, 314  
 Cercus, 194  
 Cercyon, 85  
 Cerenopus, 226  
 Ceritaxa, 118  
 CEROPHYTIDÆ, 165  
 Cerophytum, 165  
 Cerotoma, 298  
 Cerotomini, 298  
 Ceruchus, 264, 359  
 Cerylon, 206  
 Cerylonini, 206  
 Cetoniinae, 262  
 Cetoniini, 262  
 Ceuthorrhynchidius, 330  
 Ceutorhynchus, 330, 363  
 Chætarthria, 85  
 Chætarthriini, 85  
 Chætechus, 314  
 Chætocera, 296  
 Chætocnema, 301  
 Chætocnemini, 301  
 Chætoceus, 145  
 Chætophlæus, 338  
 Chalcodermus, 332  
 Chalcoides, 300  
 Chalcolepidina, 167  
 Chalcolepidius, 167  
 Chalcoparia, 292  
 Chalcophora, 179  
 Chalcophorella, 179  
 Chalcophorini, 179  
 Chalepini, 303  
 Chaleponotus, 332  
 Chaleposomus, 39  
 Chalepus, 260, 303, 360  
 Charaphlæus, 199  
 Charicessa, 151  
 Charisalia, 273  
 Charisius, 218  
 Charistena, 303  
 Chasmatopterini, 253  
 Chasmogenus, 84  
 Chauliognathini, 142  
 Chauliognathus, 142  
 Cheiropatys, 261  
 CHELONARIIDÆ, 188, 355  
 Chelonarium, 188, 355  
 Chelonychus, 324  
 Chelymorpha, 304  
 Chelyoxenus, 139  
 Chennium, 131  
 Cherostus, 232  
 Chevrolatia, 91  
 Chevrolatiini, 91  
 Chilocorini, 217  
 Chilocorus, 217, 357  
 Chilometopon, 221  
 Chilopora, 127  
 Chion, 268  
 Chionanthobius, 320  
 Chirida, 304  
 Chitalia, 124  
 Chlæniini, 68  
 Chlænius, 68, 350, 364  
 Chlamydinae, 288  
 Chlamys, 288  
 Chloropachys, 289  
 Chlorophanus, 313  
 Chlorophorus, 277  
 Chlorotusa, 116  
 Chnaunanthus, 254  
 Choeridium, 248, 358  
 Cholerus, 91  
 Cholera, 87  
 Cholerini, 87  
 Cholus, 318  
 Choragus, 307, 360  
 Chorea, 165  
 Chramesus, 338  
 Chromatia, 219  
 Chrotoma, 268  
 Chrysanthia, 154  
 Chrysina, 259  
 Chrysobothrini, 182  
 Chrysobothris, 182, 355  
 Chrysochus, 294  
 Chrysodina, 292  
 Chrysodinini, 292  
 Chrysomela, 295, 359  
 CHRYSOMELIDÆ, 286, 359  
 Chrysomelinae, 294  
 Chrysomelini, 294  
 Chrysomelites, 359  
 Chrysophana, 177  
 Cibdelis, 235  
 Cicindela, 40  
 CICINDELIDÆ, 39  
 Cicindelini, 40  
 Cicones, 205  
 Cilea, 111  
 Cimbocera, 311  
 Cinyra, 180  
 CIOIDÆ, 246  
 Cionini, 325  
 Cionistes, 322  
 Cionus, 325

- Circornus, 234  
 Cis, 246  
 CISIDÆ, 246  
 Cisinæ, 246  
 Cistela, 218  
 CISTELIDÆ, 218  
 Cistelites, 357  
 CLAMBIDÆ, 89  
 Clambus, 89  
 Clamoris, 234  
 CLAVIGERIDÆ, 132  
 Cleis, 217  
 Cleomenini, 278  
 Cleonaspis, 325  
 Cleonidius, 325  
 Cleonini, 325  
 Cleonopsis, 325  
 Cleonus, 325, 362  
 Cleothera, 211  
 CLERIDÆ, 148, 353  
 Clerinæ, 148  
 Cleronomus, 149  
 Clerus, 150  
 Clidicinæ, 91  
 Clinidium, 193  
 Clivina, 48  
 Clæotus, 253  
 Clusiota, 121  
 Clypeaster, 92  
 Clytanthus, 277  
 Clytini, 276  
 Clytoleptus, 278  
 Clytrinæ, 288  
 Clytrini, 288  
 Clytus, 278  
 Cnecus, 241  
 Cnemeplatia, 232  
 Cnemidotus, 75  
 Cnemocyllus, 323  
 Cncmodinini, 219  
 Cnemodinus, 219  
 Cnemodus, 219  
 Cnemogonus, 330  
 Cncmotrupes, 252  
 Cneoglossini, 187  
 Cneorane, 298  
 Cnesinus, 337  
 Cnopus, 165  
 Coccidula, 215  
 Coccidulini, 215  
 Coccinella, 216, 357  
 COCCINELLIDÆ, 211, 357  
 Coccinellinæ, 211  
 Coccinellini, 215  
 Coccotorus, 322  
 Coccotrypes, 340  
 Cœlambus, 77, 351  
 Cœlini, 230  
 Cœliodes, 330, 363  
 Cœlocnemis, 235  
 Cœlogaster, 331  
 Cœlomerini, 296  
 Cœlomorpha, 231  
 Cœlosternus, 333  
 Cœlostethus, 242  
 Cœlotaxis, 230  
 Cœlus, 230  
 Cœnonycha, 258  
 Cænopæus, 282  
 Cænoscelis, 203  
 Cæporis, 300  
 Colaspidea, 293  
 Colaspini, 292  
 Colaspis, 292, 359  
 Colaspoides, 294  
 Colastus, 195  
 Colecerus, 312  
 Colenis, 88  
 Coleocerus, 312  
 Collapteryx, 281  
 Collops, 145, 353  
 Colobopterus, 249  
 Colon, 88  
 Colopterus, 195, 356  
 Colpius, 76  
 Colpodes, 64  
 Colpodota, 122  
 Colposternus, 242  
 Colposura, 120  
 Colusa, 127  
 Colydii, 205  
 COLYDIDÆ, 205, 357  
 Colydiini, 205  
 Colydium, 206  
 Colymbetes, 80  
 Colymbetinæ, 79  
 Colymbetini, 80  
 Colyphus, 149  
 Commatocercinus, 132  
 Commatocerus, 132  
 Complicati, 77  
 Compsa, 270  
 Compsocerini, 275  
 Compsomorphus, 236  
 Compsus, 313  
 Comstockia, 65  
 Coniatus, 362  
 Conibiosoma, 232  
 Conibius, 231  
 Coninomus, 207  
 Coniontellus, 230  
 Coniontides, 229  
 Coniontinæ, 229  
 Coniontini, 229  
 Coniontis, 229  
 Coniophagus, 246  
 Conipinus, 229  
 Conisattus, 230  
 Conithassa, 207  
 Conoderus, 167  
 Conœcus, 222  
 Connophron, 89  
 Cononotus, 161  
 Conophoribium, 241  
 Conophthorus, 340  
 Conoplectus, 129  
 Conosoma, 111  
 Conotelus, 195  
 Conotrachelus, 331, 363  
 Conurus, 111  
 Copelatini, 80  
 Copelatus, 80  
 Copidita, 154, 353  
 Coprini, 248  
 Copris, 248, 364  
 Coprochara, 125  
 Coprophili, 95  
 Coprophilus, 95  
 Coproporus, 111  
 Coprothassa, 125  
 Coptocycla, 304  
 Coptodera, 66  
 Coptogaster, 337  
 Coptostethus, 175  
 Coptotomini, 80  
 Coptotomus, 80  
 Copturodes, 329  
 Copturus, 329  
 Coræbus, 183  
 Cordylospasta, 157  
 Corinthiscus, 151  
 Corphyra, 161  
 Corthylini, 339  
 Corthylus, 339  
 Corticaria, 208, 357  
 Corticariini, 208  
 Corticarina, 208  
 Corticcus, 234  
 Corticotomus, 193  
 Cortilena, 208  
 CORYLOPHIDÆ, 91  
 Corylophini, 91  
 Corylophodes, 91  
 Corylophus, 91  
 Corymbites, 169  
 Corynetes, 152  
 CORYNETIDÆ, 151, 353  
 Corynetini, 152  
 Corynodini, 294  
 Coryphium, \*  
 Coscinoptera, 288  
 Cosmoderes, 339  
 Cosmosalia, 273  
 Cossoninæ, 333  
 Cossonini, 334  
 Cossonus, 334, 363  
 Cotalpa, 259  
 Cotinis, 262  
 Coxclus, 205  
 Cradytes, 147  
 Craniotini, 222  
 Craniotus, 222  
 Cranophorini, 213  
 Craponius, 330  
 Cratacanthus, 70, 350  
 Crataræa, 125  
 Cratidus, 236  
 Cratocara, 75  
 Cratocari, 75  
 Cratomerus, 182  
 Cratonychus, 174  
 Cratoparis, 307  
 Crawfordia, 343  
 Crawfordinæ, 343  
 Cregya, 152  
 Cremastocheilini, 263  
 Cremastocheilus, 263  
 Cremastorhynchus, 362  
 Creniphilites, 351  
 Creniphilus, 84  
 Crenitis, 84  
 Creophilus, 109  
 Crephalia, 119  
 Crepidodera, 300

- Crepidoderini, 300  
 Crepidophorus, 168  
 Crepidotritus, \*  
 Crigmus, 172  
 Crimalia, 114  
 Criocephalus, 267  
 Crioceridea, 359  
 Criocerinae, 287  
 Crioceris, 287  
 Crioprosopus, 279  
 Crioscapa, 239  
 Crosinus, 202  
 Crossidius, 279  
 Crossocrepis, 69  
 Crymodes, 161  
 Cryniphilus, 84  
 Cryobius, 57  
 Cryphalini, 339  
 Cryphalus, 340  
 Cryptadius, 220  
 Cryptagriotes, 354  
 Cryptamorpha, 200  
 Cryptamorphini, 200  
 Cryptarcha, 197  
 Cryptarchinae, 197  
 Crypticinae, 232  
 Crypticomorpha, 230  
 Crypticus, 232  
 Cryptobia, 100  
 Cryptobiella, 101  
 Cryptobium, 100, 352  
 Cryptocephalinae, 289  
 Cryptocephalini, 291  
 Cryptocephalites, 359  
 Cryptocephalus, 291, 359  
 Cryptoglossa, 224  
 Cryptoglossini, 224  
 Cryptognatha, 214  
 Cryptohypnus, 171, 354  
 Cryptolaemus, 214  
 Cryptolestes, 199  
 CRYPTOPIAGIDÆ, 202, 356  
 Cryptophaginae, 202  
 Cryptophagini, 202  
 Cryptophagistes, \*  
 Cryptophagus, 202, 356  
 Cryptophilini, 202  
 Cryptophilus, 202  
 Cryptopleura, 278  
 Cryptopleurum, 86  
 Cryptorama, 243  
 Cryptorhopalum, 190  
 Cryptorhynchii, 332  
 Cryptorhynchini, 331  
 Cryptorhynchus, 332, 363  
 Cryptops, 234  
 Cryptostoma, 177  
 Crypturgini, 337  
 Crypturgus, 337  
 Ctenicra, 169  
 Cteniopus, 219  
 Ctenisis, 132  
 Ctenistes, 131  
 Ctenistini, 131  
 Ctenobium, 242  
 Ctenochira, 304  
 Ctenodactylini, 65  
 Ctenonychus, 174  
 Ctenopteryx, 133  
 CUCULIDÆ, 198, 356  
 Cucujini, 199  
 Cucujus, 199  
 CUPEDIDÆ, 153  
 Cupes, 153  
 CUPESIDÆ, 153  
 CUPESOIDEA, 152  
 Cupila, 128  
 CURCULIONIDÆ, 308, 360  
 Curculioninae, 315  
 CURCULIONOIDEA, 308, 315  
 Cureculiopsis, 363  
 Curiini, 270  
 Curimopsis, 192  
 Curius, 270  
 Curtomerus, 270  
 Curtonotus, 59  
 Cybister, 81  
 Cybistrinae, 81  
 Cybocephalinae, 196  
 Cybocephalus, 86, 196  
 Cybotus, 231  
 Cychramites, 356  
 Cychramus, 196  
 Cychrini, 43  
 Cychrus, 44  
 Cyclinus, 81  
 Cyclocephala, 260  
 Cyclocephalini, 260  
 Cyclodinus, 163  
 Cyclolopha, 52  
 Cycloneda, 216  
 Cyclonotum, 85  
 Cyclosattus, 232  
 Cyclotrachelus, 56  
 Cyclous, 81  
 Cyladinae, 309  
 Cylas, 309  
 Cylidrella, 193  
 Cylindera, 270  
 Cylindra, 337  
 Cylindrarectus, 131  
 Cylindrembolus, 130  
 Cylindrocharis, 55  
 Cylindrocopturus, 329  
 Cylindrodera, 270  
 Cylistix, 136  
 Cylistosoma, 136  
 Cyllene, 276  
 Cyllidium, 85  
 Cyllodes, 196  
 Cymathotes, 237  
 Cymatodera, 149  
 Cymatopterus, 80  
 Cymatothes, 237  
 Cymbiodyta, 85, 351  
 Cymindis, 67, 350  
 Cynæus, 234  
 Cyparium, 134  
 Cypherotylus, 201  
 Cyphini, 313  
 Cyphomimus, 313  
 Cyphon, 188  
 CYPHONIDÆ, 188  
 Cyphonotida, 273  
 Cyphus, 313, 361  
 Cypriacis, 180  
 Cyrtinini, 281  
 Cyrtinus, 281  
 Cyrtomerus, 270  
 Cyrtomius, 221  
 Cyrtomoptera, 144  
 Cyrtomoptila, 144  
 Cyrtonotus, 59  
 Cyrtophorus, 278  
 Cyrtotriplax, 201  
 Cyrtusa, 88  
 Cysteodemides, 159  
 Cysteodemus, 159  
 Cytilus, 191, 356  
 Dacne, 201  
 Dacnini, 201  
 Dacnochilus, 102  
 Dacoderini, 224  
 Dacoderus, 224  
 Dactylosternum, 85  
 Dacyrtocera, 344  
 Dadopora, 196  
 Dalmodes, 131  
 Dalmosella, 128  
 Dalotia, 121  
 Dapti, 70  
 DASCILLIDÆ, 187, 355  
 Dascillinae, 187  
 Dascillini, 187  
 DASCILLOIDEA, 187  
 Dascillus, 187  
 DASYLLIDÆ, 188  
 Dasycerini, 207  
 Dasycerus, 207  
 Dasydactylus, 200  
 Dasydera, 253  
 Dasyglossa, 126  
 Dasypogon, 187  
 Dasyrhadus, 148  
 Dasytastes, 148  
 Dasytellus, 148  
 Dasytes, 148  
 Dasytini, 146  
 Datomicra, 121  
 Daulis, 216  
 Daya, 119  
 Dearthrus, 189  
 Decarthron, 131  
 Dectes, 283  
 Dectini, 283  
 Decusa, 125  
 Deinopsini, 112  
 Deinopsis, 112  
 Deleaster, 95, 352  
 Deliphrium, 94  
 Delius, 90  
 Delopygus, 234  
 Deloyala, 304  
 Delphastus, 214  
 Delphota, 118  
 Deltochilum, 248  
 Deltometopus, 176, 355  
 Demetrius, 66  
 Dendrobias, 280  
 Dendrobiella, 244  
 Dendrobium, 242  
 Dendrocharis, 176  
 Dendroctonus, 338

\* See List of Errata.



- Dendrodipnis, 191  
 Dendroides, 161  
 Dendrophagus, 200  
 Dendrophilus, 137  
 Deporaus, 308  
 Derallus, 83  
 Derancistrini, 266  
 Derancistrus, 266  
 Deratopeus, 102  
 Derelomi, 318  
 Derelomini, 318  
 Derelomus, 318  
 Derestenus, 149  
 Deretaphrini, 206  
 Deretaphrus, 206  
 Dermestes, 189, 356  
 DERMESTIDÆ, 189, 356  
 Dermestinae, 189  
 Dermestini, 189  
 Derobrachi, 266  
 Derobrachus, 266  
 DERODONTIDÆ, 202  
 Derodontus, 202  
 Deronectes, 78  
 Derosomus, 313  
 Desmia, 132  
 Desmiphora, 284  
 Desmiphorini, 284  
 Desmocerini, 274  
 Desmocerus, 274  
 Desmoglyptus, 327  
 Desmopachria, 77  
 Desmori, 318  
 Desmoris, 319  
 Dexiogyia, 126  
 Diabrotica, 297, 360  
 Diabroticini, 297  
 Diachila, 46  
 Diachus, 291  
 Diadochus, 169  
 Dialytes, 251  
 Diamimus, 311  
 Diana, 181  
 Dianchomena, 66  
 Dianous, 100  
 Dianusa, 114  
 Diaperis, 233  
 Diaphorus, 65  
 Diapterna, 249  
 Diaulota, 114  
 Diaxenes, \*  
 Diazus, 255  
 Dibolia, 302  
 Diboliini, 302  
 Dibolocelus, 84  
 Dicælus, 62, 350  
 Dicentrus, 267  
 Dicerca, 180, 355  
 Dicheirus, 73  
 Dichelonycha, 257  
 Dichelonyx, 257  
 Dichoxenus, 311  
 Dichromina, 260  
 Dielidia, 156  
 Dicranopselaphus, 187  
 Dicrepidina, 174  
 Dicrepidius, 174  
 Dictyalotus, 244  
 Dictyoptera, 140  
 Dictyopterus, 140  
 Didetus, 67  
 Didion, 213  
 Diestota, 115  
 Dietzella, 331  
 Dignamptus, 237  
 Digrapha, 140  
 Dihammaphora, 278  
 Dilacra, 120  
 Dilandius, 163  
 Dimetrota, 121  
 Dimetrotina, 121  
 Dinacoma, 257  
 Dinapate, 245  
 Dinapatini, 245  
 Dinaræa, 119  
 Dinardilla, 125  
 Dineutes, 81  
 Dinocleus, 325  
 Dinocoryna, 116  
 Dinoderus, 245, 358  
 Dinopsis, 112  
 Diochi, 106  
 Diochus, 106  
 Diodyrhynchus, 308  
 Diædus, 234  
 Diomus, 213  
 Diorymellus, 329  
 Diorymerellus, 329  
 Diozodes, 270  
 Diphaulaca, 300  
 Diphyllini, 202  
 Diphyllocis, 247  
 Diphyllostoma, 264  
 Diplocampa, 53  
 Diplochætus, 55  
 Diplocheila, 62  
 Diplocælus, 202  
 Diplostethus, 172  
 Diplotaxis, 254, 358.  
 Diræa, 239  
 Dirhagus, 176  
 Dirotognathinae, 312  
 Dirotognathini, 312  
 Dirotognathus, 312  
 Discodemus, 229  
 Discoderus, 72  
 Discodon, 144  
 Discogenia, 228  
 Disonycha, 299  
 Disonychini, 299  
 Distemmus, 94  
 Distenia, 267  
 Disteniini, 267  
 Distichalius, 109  
 Ditaphrus, 192  
 Ditemnus, 144  
 Ditoma, 205  
 Ditylus, 154  
 Docirhynchus, 361  
 Dolichopterum, 237  
 Dolichosoma, 148  
 Dolichotoma, \*  
 Doliema, 234  
 Doliopines, 234  
 Dolopius, 172  
 Dolosota, 122  
 Dolurgus, 338  
 Donacia, 286, 359  
 Donaciinae, 286  
 Donesia, 119  
 Dorcadiini, 280  
 Dorcaschema, 281  
 Dorcasina, 274  
 Dorcasomini, 274  
 Dorcasta, 284  
 Dorcatoma, 243  
 Dorcatomini, 243  
 Doreinae, 264  
 Doreus, 264  
 Dorthesia, 157  
 Doryphora, 294  
 Dorytomus, 318, 362  
 DOYDIRHYNCHOIDEA, 308  
 Drachylis, 153  
 Dralica, 120  
 Drapetes, 177  
 Drasterius, 167, 173  
 Drastophus, 89  
 Driptini, 65  
 Dromæolus, 176  
 Dromius, 66  
 Dromochorus, 43  
 Drusilla, 116  
 Dryobius, 268, 359  
 Dryocætes, 342, 363  
 Dryophilini, 241  
 Dryophthorini, 334  
 Dryophthorus, 334  
 DRYOPIDÆ, 185, 355  
 Dryopini, 185  
 DRYOPOIDEA, 185  
 Dryops, 185  
 Dryotribus, 334  
 Dularius, 275  
 Dynastes, 261  
 Dynastinae, 260  
 Dynastini, 261  
 Dyschirius, 47  
 Dyscinetus, 260  
 Dysidius, 58  
 Dyslobus, 311  
 Dysmathes, 75  
 Dysmerus, 200  
 Dysphaga, 268  
 Dysphenges, 302  
 Dystaxia, 178  
 Dysticheus, 315  
 Dyticus, 80  
 DYTISCIDÆ, 76, 351  
 Dytiscinae, 80  
 Dytiscini, 80  
 Dytiscus, 80  
 Eanus, 170  
 Ebæus, 146  
 Eburia, 269  
 Eburiini, 269  
 Eccoptogaster, 337  
 Eccoptogasterinae, 337  
 Echiaster, 105  
 Echiasteres, 105  
 Echidnoglossa, 127  
 Echinocoleus, 87  
 Echinodes, 137

- Echocerus, 233  
 Echochara, 125  
 Ecitogaster, \*  
 Ecitonidia, 116  
 Ecitonusa, 116  
 Ecitopora, 116  
 Ecitoxenia, 114  
 Ectamenogonus, 173  
 Ectinus, 173  
 Ectopria, 187, 355  
 Ecyrus, 284  
 Edaphus, 100  
 Edrotes, 222  
 Edrotini, 222  
 Edusellini, 293  
 Ega, 65  
 Egini, 65  
 Eisonyx, 329  
 Elacatis, 152  
 Elaphidion, 269, 359  
 Elaphidionini, 269  
 Elaphrini, 45  
 Elaphrus, 45, 350  
 Elasmocerus, 148  
 Elassoptes, 334  
 Elater, 173, 354  
 ELATERIDÆ, 166, 354, 364  
 Elaterina, 173  
 Elaterini, 173  
 ELATEROIDEA, 165  
 Elateroides, 152  
 Elateropsis, 266  
 Elathous, 168  
 Elatrinus, 173  
 Eleates, 232  
 Ele dona, 232  
 Eleodes, 227, 357  
 Eleodimorpha, 229  
 Eleodini, 227  
 ELENCHIDÆ, 344  
 Elenchinus, 344  
 ELENCHOIDEA, 344  
 Eleusii, 93  
 Eleusis, 93  
 Elissa, 312  
 Eliusa, 123  
 Elleschus, 324  
 Ellipolampis, 141  
 Ellipotoma, 151  
 Ellipsoptera, 42  
 Ellychnia, 141  
 ELMIDÆ, 186  
 Elmis, 186  
 Elodes, 188  
 Elonus, 165  
 Elosoma, 160  
 Elsianus, 186  
 Elytroleptus, 279  
 Elytrulum, 361  
 Elytrusa, 118  
 Emathion, 176  
 Embaphion, 229  
 Emeax, 224  
 Emclinus, 165  
 Emenadia, 156  
 Emmenastrichus, 220  
 Emmenastus, 221  
 Emmenides, 220  
 Emmenotarsus, 146  
 Emmesa, 239  
 Empelus, 89  
 Emphyastes, 317  
 Emphyastini, 317  
 Emphylus, 202  
 Emplenota, 125  
 Enaphorus, 65  
 Encalus, 320  
 Enchodes, 239  
 Encyclopini, 274  
 Encyclops, 274  
 Endalus, 320  
 Endecatomini, 244  
 Endecatomus, 244  
 Endectus, 206  
 Endeitoma, 205  
 Endeodes, 145  
 Endocephalini, 294  
 ENDOMYCHIDÆ, 209  
 Endomychinae, 209  
 Endomychini, 210  
 Endomychus, 210  
 Endophilæus, 205  
 Endrosa, 255  
 Engamota, 121  
 Engis, 201  
 Engyaulus, 183  
 Enhydrini, 81  
 Enicmus, 207  
 Eniconyx, 166  
 Enneacoides, 224  
 Ennearthron, 247  
 Enneatoma, 244  
 Enochrus, 84, 351  
 Enoclerus, 150, 353  
 Enopliides, 151  
 Enopliini, 151  
 Enoplium, 151  
 Enoplurus, 83  
 Entiminæ, 311  
 Entimus, 361  
 Entomophthalmus, 176  
 Entomoscelini, 294  
 Entomoscelis, 294  
 Entomosterna, 280  
 Entypus, 246, 247  
 Eocleonus, 362  
 Epantius, 226  
 Epanuræa, 356  
 Ephalus, 232, 357  
 Ephelinus, 95  
 Ephelis, 95  
 Ephelops, 324  
 Ephistemini, 204  
 Ephistemus, 204  
 Epicærini, 313  
 Epicærus, 313, 361  
 Epicauta, 158, 354  
 Epicurus, 137  
 Epilachna, 217  
 Epilachninae, 217  
 Epimechus, 324  
 Epimetopinae, 83  
 Epimetopus, 83  
 Epiphanis, 177, 355  
 Epipocini, 209  
 Epipocus, 209  
 Episcopellus, 73  
 Epismilia, 213  
 Epitragini, 221  
 Epitragodes, 222  
 Epitragoma, 221  
 Epitragus, 221  
 Epitrix, 301  
 Epopterus, 209  
 Epuræa, 196  
 Epuræanella, 196  
 Erchomus, 111  
 Eremnini, 310  
 Eretes, 81  
 Eretini, 81  
 Ergates, 265  
 Eridaulus, 246  
 Erincophilus, 337  
 Eriopis, 215  
 Erirhini, 318  
 Erirhinini, 318  
 Erirhinus, 362  
 Erirhipidia, 262  
 Erirhipis, 262  
 Eristhetus, 100  
 Ernobius, 241, 358  
 Ernoporides, 340  
 Ernoporus, 340  
 Eronyxa, 194  
 Erodiscus, 321  
 Eros, 140  
 Eroles, 140  
 Erotides, 140  
 Erotylathris, 206  
 EROTYLIDÆ, 200, 356  
 Erotylinae, 201  
 Erotylini, 201  
 Erotylus, 201  
 Erycus, 318  
 Erythrolitus, 211  
 Eschatocrepis, 148  
 Eschatoporis, 224  
 Esthesopus, 175  
 Estola, 283  
 Estolæ, 283  
 Euæsthctinae, 100  
 Euæsthetini, 100  
 Euæsthetus, 100  
 Eubria, 187  
 Eubrianax, 187  
 Eubriinae, 187  
 Eubrychiopsis, 331  
 Eubrychius, 331  
 Encactophagus, 335  
 Eucærus, 67  
 Eucanthus, 252  
 Eucratocerus, 241  
 Euchætes, 329  
 Eucharina, 125  
 Eucicones, 265, 357  
 Eucinetinae, 187  
 Eucinetus, 187  
 Euclyptus, 318  
 EUCNEMIDÆ, 176  
 Eucneminae, 176  
 Eucnemini, 176  
 Eucnemis, 176, 355  
 Euconibius, 231  
 Euconuini, 89

\* See List of Errata.

- Euconnus, 89  
 Eucrada, 241  
 Eucrossus, 268  
 Eucryptus, 361  
 Eucryptusa, 114  
 Eucyllus, 315  
 Eucyphus, 192  
 Eudasytes, 146  
 Eudasytites, 353  
 Eudectus, 95  
 Eudera, 115  
 Euderces, 278  
 Eudesma, 205  
 Eudesmula, 205  
 Eudiagogus, 312, 361  
 Eudistenia, 268  
 Eudociminus, 318  
 Eudocimus, 318  
 Eudomus, 361  
 Eudromus, 49  
 Euethcola, 260  
 Eufallia, 208  
 Euferonia, 57  
 Eugastra, 255  
 Euglenes, 165  
 EUGLENIDÆ, 165  
 Eugnampsidea, 360  
 Eugnampthus, 308, 360  
 Eugnathus, 49  
 Eugnomi, 318  
 Eugoniopus, 196  
 Eulabis, 226  
 Eulachus, 205  
 Eulathrobium, 102  
 Eulechriops, 329  
 Eulimnichus, 192  
 Eulissus, 105  
 Eulyptus, 318  
 Eumalus, 93  
 Eumichthus, 270  
 Eumierini, 91  
 Eumierota, 115  
 Eumierus, 91  
 Eumitocerus, 112  
 Eumolops, 57  
 Eumolpinæ, 292  
 Eumolpini, 293  
 Eumolpus, 293  
 Eumononycha, 329  
 Eunonia, 94  
 Eunyssobia, 329  
 Eupactus, 243  
 Eupagoderes, 311  
 Euparia, 251  
 Eupariini, 251  
 Euparius, 307, 360  
 Eupathocera, 344  
 Euphalepsus, 130  
 Euphorhipis, 262  
 Euphoria, 262  
 Euphoriaspis, 262  
 Euphorticus, 64  
 Euphrytus, 292  
 Eupisenus, 238  
 Euplastius, 166  
 Euplectini, 128  
 Euplectroscelini, 301  
 Euplectroscelis, 301  
 Euplectus, 128  
 Eupleurida, 161  
 Eupogonii, 284  
 Eupogonius, 284  
 Eupompha, 159  
 Eupristocerus, 183  
 Euproctus, 66  
 Eupsalis, 306  
 Eupsenius, 131  
 Eupsilobius, 206  
 Eupsophulus, 236  
 Eupsophus, 236  
 Eurea, 187  
 Eurelymis, 148  
 Eurhizophagus, 197  
 Eurhoptus, 332  
 Euromota, 118  
 Europs, 198  
 Euryderus, 70  
 Eurygeniini, 162  
 Eurygenius, 162  
 Eurymetopon, 219, 221  
 Eurymetoponini, 219  
 Eurymycter, 307  
 Eurynotida, 123  
 Euryomia, 262  
 Euryopa, 142  
 Euryoptera, 275  
 Eurypalpus, 185  
 Eurypepla, 304  
 Eurypogon, 187  
 Euryporus, 109  
 Eurypronota, 122  
 Euryptera, 274  
 Euryptychus, 177  
 Euryscelis, 277  
 Euryscopa, 288  
 Euryosphindus, 246  
 EURYSTETHIDÆ, 160  
 Eurystethus, 160  
 Eurytrichus, 73  
 Euryusa, 115  
 Eusanops, 129  
 Eusattodera, 297  
 Eusattodes, 229  
 Eusattus, 229  
 Euscaphurus, 188  
 Euscepes, 332  
 Euschæfferia, 193  
 Euschides, 225  
 Eusomalia, 191  
 Eusphyrus, 307  
 Eustilbus, 210  
 Eustrigota, 123  
 Eustroma, 269  
 Eustromula, 269  
 Eustrongylium, 237  
 Eustrophinus, 238  
 Eustrophus, 238  
 Eustylini, 315  
 Eutessus, 282  
 Eutheia, 91  
 Eutheini, 91  
 Euthiodes, 91  
 Euthorax, 125  
 Euthuorus, 284  
 Euthysanius, 166  
 Eutochia, 234  
 Eutomus, 232  
 Eutoxotus, 271  
 Eutrichites, 130  
 Eutrilia, 91  
 Eutylistus, 244  
 Eutyphlus, 129  
 Euvæcus, 163  
 Euvira, 114  
 Euvrilleta, 242  
 Euxenus, 307  
 Evarthrinus, 57  
 Evarthrus, 57, 350  
 Evodinus, 271  
 Evolones, 69  
 Evopes, 361  
 Evoplus, 233  
 Evotus, 313  
 Exema, 288  
 Exerestus, 235  
 Exochomus, 217  
 Exoma, 192  
 Exomella, 192  
 Exomellini, 192  
 Exopioides, 245  
 Exoplectra, 214  
 Exosoma, 298  
 Fabricianus, 291  
 Falacer, 237  
 Falagria, 124  
 Falagriae, 124  
 Falagriola, 124  
 Falagrioma, 124  
 Falagriota, 124  
 Faliscus, 128  
 Faronini, 127  
 Faronus, 127  
 Ferestria, 57  
 Feronalius, 59  
 Feronia, 55  
 Feronina, 57  
 Fidia, 293  
 Florilinus, 190  
 Fluvicola, 185  
 Formicilla, 163  
 Formicomus, 163  
 Formicus, 163  
 Fornax, 176, 355  
 Fragmentati, 76  
 Fuchsina, 208  
 Fusalia, 122  
 Fustiger, 132  
 Gænima, 121  
 Galba, 176  
 Galerita, 65, 350  
 Galeruca, 298  
 Galerucella, 296, 359  
 Galerucinae, 296  
 Galerucini, 298  
 Galerucerus, 152  
 Gambrinus, 168  
 Ganascus, 165  
 Ganimus, 268  
 Gastragallus, 242  
 Gastrallanobium, 358  
 Gastrallus, 242  
 Gastrellarius, 56  
 Gastrogyna, 298  
 Gastroides, 295  
 Gastrolobium, 100  
 Gastrophysa, 295  
 Gastrosticta, 57  
 Gaurodytes, 79



- Gauropterus, 105  
 Gaurotes, 272, 359  
 Gelus, 329  
 Gencocerini, 187  
 Genuclinus, 263  
 Geoderces, 315  
 Geodercodes, 315  
 Geodromicus, 95, 352  
 Geopinus, 70  
 GEORYSSIDÆ, 186  
 Georyssus, 186  
 Geotrupes, 252  
 Geotrupinae, 252  
 Geotrupini, 252  
 Geraeus, 327  
 Geralophus, 362  
 Geropa, 268  
 Gerstæckeria, 333  
 Gibbini, 240  
 Gibbium, 240  
 Ginglymocladius, 141  
 Glanodes, 70  
 Glaphyrinae, 253  
 Glaphyrometopus, 313  
 Glaresis, 253  
 Glaucotes, 282  
 Glipa, 154  
 Glipodes, 155  
 Glischrochilus, 197  
 Glycerius, 73  
 Glycia, 67  
 Glycobius, 277  
 Glyphonyx, 172  
 Glyptasida, 224  
 Glyptina, 302  
 Glyptobaris, 327  
 Glyptoma, 93  
 Glyptoscelimorpha, 178  
 Glyptoscelis, 293  
 Glyptotus, 235  
 Gnaphalodes, 268  
 Gnathium, 160, 354  
 Gnathocerus, 233  
 Gnathoncus, 139  
 Gnathospasta, 159  
 Gnathotrichus, 340  
 Gnathusa, 127  
 Gnorimella, 263  
 Gnorimus, 263  
 Gnypeta, 123  
 Gnypetella, 123  
 Gnypetoma, 123  
 Goes, 281  
 Golgia, 209  
 Gonasida, 225  
 Goniocтена, 295  
 Goniolophus, 74  
 Goniusa, 115  
 Gonocallus, 275  
 Gonocephalum, 232  
 Gonodera, 218  
 Gononotus, 334  
 Gonops, 306  
 Gonotropis, 307  
 Gracilia, 270  
 Graciliini, 270  
 Graphisurini, 283  
 Graphisurus, 283  
 Graphoderes, 81  
 Graphops, 292  
 Graphorhinus, 313  
 Graptodera, 300  
 Gratiana, 304  
 Gratusus, 204  
 Griburiosoma, 307  
 Griburius, 289  
 Groncvus, 91  
 Grylius, 260  
 Gryncharis, 194  
 Grypidius, 318, 362  
 Grypus, 318  
 Gyascutus, 179  
 Gymnetina, 262  
 Gymnetini, 262  
 Gymnetis, 262  
 Gymnetron, 325, 362  
 Gymnodus, 263  
 Gymnopyge, 258  
 Gymnusa, 112, 352  
 Gymnusini, 112  
 Gynæcomelodides, 159  
 Gynæcomeloe, 159  
 Gynandropus, 72  
 Gynandrotarsus, 72  
 Gynaptera, 141  
 Gynapteryx, 159  
 Gynnis, 255  
 Gynopteris, 241  
 Gyretes, 82  
 GYRINIDÆ, 81, 364  
 Gyrininae, 82  
 GYRINOIDEA, 81  
 Gyrinus, 82, 364  
 Gyrohypnus, 105  
 Gyronycha, 113  
 Gyronychina, 113  
 Gyrophæna, 115, 352  
 Gyrotus, 329  
 Habrocerinae, 112  
 Habrocerini, 112  
 Habrocerus, 112  
 Habrolinus, 106  
 Habrosclimorpha, 42  
 Hadraule, 246  
 Hadrobregmus, 242  
 Hadromeropsis, 312  
 Hadromerus, 312  
 Hadrotes, 109  
 Hæmatochiton, 201  
 Hæmonia, 286  
 Haida, 94  
 Halacritus, 138  
 Halecia, 179  
 HALICTOPHAGIDÆ, 344  
 HALICTOPHAGOIDEA, 344  
 Halictoxeninae, 343  
 Halictoxenos, 343  
 HALIPLIDÆ, 75  
 Halipus, 75  
 Hallomenus, 238  
 Halobrechtha, 119  
 Halobrechthina, 119  
 Halophalerus, 232  
 Haltica, 300, 360  
 Halticidea, 296  
 Halticinae, 298  
 Halticini, 300  
 Hamaticherus, 268  
 Hamaxobium, 187  
 Hamletia, 299  
 Hammatomercus, 55  
 Hammodercus, 281  
 Hamotus, 132  
 Hapalaræa, 94  
 Hapalips, 201  
 Hapalorhinus, 145  
 Hapalosalia, 271  
 Haplandrus, 235  
 Haplidus, 268  
 Haplocentrus, 72  
 Haplochile, 49  
 Haploderus, 96  
 Haploglossa, 125  
 Haplophoria, 262  
 Haplostethus, 185  
 Hapsida, 233  
 Haptoncura, 195  
 Haptoncus, 195  
 Hargium, 271  
 Harmonia, 217  
 Harpali, 70  
 Harpalinae, 49  
 Harpalini, 70  
 Harpalomerus, 70  
 Harpalophorus, 70  
 Harpalus, 70, 350  
 Hartonymus, 72  
 Hcbestola, 281  
 Hedobia, 241  
 Hedobiini, 241  
 Heilipus, 318  
 Helesius, 212  
 Helichus, 185, 355  
 Helluomorpha, 67  
 Helluonini, 67  
 HELMIDÆ, 186  
 Helmini, 186  
 Helmis, 186  
 Helobata, 85  
 Helocerus, 191  
 Helochares, 84  
 Helocombus, 85  
 Helodes, 188  
 HELODIDÆ, 188, 355  
 Helodinae, 188  
 Helopeltina, 85  
 Helopeltis, 85  
 Helophorinae, 83  
 Helophorus, 83, 351  
 Helopinae, 236  
 Helops, 236, 357  
 Hemantus, 163  
 Hemicallidium, 276  
 Hemicyphon, 188  
 Hemicœlus, 242  
 Hemirepidius, 170  
 Hemiglyptus, 300  
 Hemimædon, 103  
 Hemipeplini, 200  
 Hemipeplus, 200  
 Hemiphrynus, 300  
 Hemiptychus, 243  
 Hemiquedius, 109  
 Hemirhipina, 167  
 Hemirhipus, 167  
 Hemisopalus, 71  
 Hemispilota, 259  
 Hemistenus, 100  
 Hemithecta, 114

Henoticus, 203  
 Henous, 159  
 Hcptaphylla, 232  
 Hermiophaga, 300  
 Hesperobænus, 198  
 Hesperobaris, 327  
 Hesperobium, 101  
 Hesperolinus, 106  
 Hesperophanini, 268  
 Hesperus, 108  
 Hetærius, 137  
 Heterachthes, 270  
 Heterarthron, 245  
 Heterasida, 225  
 Heteraspis, 292  
 Heterelmis, 186  
 Heterobrenthus, 306  
 HETERO CERIDÆ, 186  
 Heterocerus, 186  
 Heteroderes, 167  
 Heterodromia, 200  
 Heterophaga, 234  
 Heteropromus, 227  
 Heteropsini, 278  
 Heterotarsinæ, 236  
 Heterothops, 109, 352  
 Hetæmis, 281  
 Hexacolini, 337  
 Hexarthrum, 335  
 Hilara, 119  
 Hilarina, 121  
 Hilarocassis, 304  
 Hilipus, \*  
 Himatinum, 334  
 Himatium, 334  
 Hippodamia, 215  
 Hippomelas, 179  
 Hippopsini, 284  
 Hippopsis, 284  
 Hispinæ, 303  
 Hister, 135  
 HISTERIDÆ, 134  
 Histeropsis, 233  
 Histrinæ, 135  
 Holaniara, 234  
 Holciophorus, 55  
 Hololepta, 134  
 Hololeptinæ, 134  
 Holoparamecus, 207  
 Holopleura, 279  
 Holostilpna, 307  
 Holostrophus, 238  
 Holotrichia, 256  
 Holotrochus, 93, 98  
 Holozodini, 131  
 Homæolabus, 309  
 Homæosoma, 87  
 Homæsthesia, 266  
 Homalium, 94  
 Homalota, 115, 352  
 Homalotusa, 118  
 Homaloxenus, 334  
 Homilops, 344  
 Homœocryphalus, 340  
 Homœosoma, 87  
 Homœusa, 125  
 Homophœta, 299  
 Homovalgus, 264

Hoplandria, 116  
 Hoplia, 258, 358  
 Hopliini, 258  
 Hoplitus, 75  
 Hoplocephala, 233  
 Hoplosia, 283  
 Hoplosiæ, 283  
 Horia, 160  
 Horiides, 160  
 Horistonotus, 175, 354  
 Hormiscus, 306  
 Hormopini, 335  
 Hormops, 325  
 Hormorus, 313, 361  
 Hornia, 160  
 Horticola, 189  
 Hybodera, 275  
 Hybosorinæ, 252  
 Hybosorus, 252  
 Hydaticinæ, 81  
 Hydaticini, 81  
 Hydaticus, 81  
 Hydriobius, 88, 351  
 Hydriocera, 150, 353  
 Hydriocerini, 150  
 Hydræna, 82  
 Hydræninæ, 82  
 Hydriomicrus, 51  
 Hydrium, 49  
 Hydrobiini, 84  
 Hydrobius, 84, 351  
 Hydrocanthini, 76  
 Hydrocanthus, 76  
 Hydrocharis, 84  
 Hydrochinæ, 83  
 Hydrochus, 83, 351  
 Hydrocombis, 84  
 Hydronomi, 319  
 HYDROPHILIDÆ, 82, 351  
 Hydrophilinæ, 83  
 Hydrophilini, 84  
 Hydrophilites, 351  
 HYDROPHILOIDEA, 82  
 Hydrophilus, 84, 351  
 Hydroporinæ, 77  
 Hydroporini, 77  
 Hydroporus, 78, 351  
 Hydroscapha, 83  
 Hydroscaphinæ, 83  
 Hydrosmeeta, 120  
 Hydrosmeetina, 120  
 Hydrotrupes, 79  
 Hydrous, 84  
 Hydrovatini, 77  
 Hydrovatus, 77  
 Hygræcia, 120  
 Hygronimini, 113  
 Hylastes, 339, 363  
 Hylastinus, 338  
 Hylecætus, 152  
 Hylesinina, 337  
 Hylesinini, 338  
 Hylesinus, 338  
 Hylobiini, 317  
 Hylobiites, 362  
 Hylobius, 318, 362  
 Hylocharis, 176  
 Hylocrinus, 220

HYLOPHILIDÆ, 165  
 Hylophilus, 165  
 Hylota, 126  
 Hylotrupes, 275, 359  
 Hylurgopinus, 338  
 Hylurgops, 339, 363  
 Hymenorus, 218, 357  
 Hypasclera, 154  
 Hypera, 316  
 Hyperaspidius, 212  
 Hyperaspini, 211  
 Hyperaspis, 211  
 Hyperini, 316  
 Hypermallus, 269  
 Hyperodes, 317  
 Hyperplatys, 283  
 Hypexilis, 270  
 Hypherpes, 55  
 Hypnogyra, 105  
 Hypnoidini, 171  
 Hypnoidus, 171  
 Hypocaccus, 139  
 Hypocœliodes, 330  
 Hypocœlus, 177  
 Hypocoprina, 198  
 Hypocoprus, 198  
 Hypocyphtini, 110  
 Hypocyphtus, 110  
 Hypocyphtus, 110  
 Hypodacne, 201  
 Hypolampsis, 299  
 Hypoleschus, 324  
 Hypomedon, 104  
 Hypomolyx, 318  
 Hypophlœus, 234  
 Hyporhagus, 238  
 Hypostenus, 99  
 Hypotelus, 93  
 Hypothenemus, 339  
 Hypotrichia, 254  
 Hypulus, 239

Ibidion, 270  
 Ibidionini, 270  
 Ichnea, 151  
 Idiobates, 235  
 Idiostethus, 328  
 Idœmea, 268  
 Ignotus, 189  
 Ilendus, 204  
 Iliotona, 135  
 Ilybiosoma, 79  
 Ilybius, 79  
 Ilyobates, 114  
 Ilyusa, 124  
 Incolia, 238  
 Inna, 67  
 Ino, 199  
 Inopeplus, 199  
 Inoplectus, 199  
 Iotota, 120  
 Iphimeini, 292  
 Iphthimus, 235  
 IPIDÆ, 337  
 Ipinæ, 340  
 Ipinini, 197, 340  
 Ipocheus, 280  
 IPOIDEA, 337

- Ips, 197, 341  
 Irichroa, 43  
 Isarthrus, 176  
 Ischalia, 161  
 Ischiodontus, 174  
 Ischiopachys, 288  
 Ischnocerus, 306  
 Ischnocneinis, 280  
 Ischnoglossa, 125  
 Ischyryus, 201  
 Isochara, 125  
 Isodacrys, 312  
 Isoglossa, 127  
 Isohontiphilia, 344  
 Isohydnocera, 151  
 Isolomalus, 137  
 Isomalus, 93  
 Isomira, 218, 357  
 Isoplastus, 88  
 Isorhipina, 262  
 Isorhipis, 176  
 Isotachys, 54  
 Isothea, 360  
 Ithycerinae, 308  
 Ithycerus, 308  
 Ithypori, 331  
 Ityocara, 127  
  
 Jonthonata, 304  
 Jubini, 127  
 Jubinini, 127  
 Judolia, 272  
  
 Kalissus, 92  
 Katastylops, 343  
  
 Laasbium, 352  
 Labidomera, 294  
 Laccobius, 85, 351  
 Lacconotus, 240  
 Laccophilinae, 76  
 Laccophilini, 76  
 Laccophilus, 76  
 Laccopygus, 362  
 Lachnocrepsis, 69  
 Lachnodactyla, 188  
 Lachnophori, 64  
 Lachnophorus, 64  
 Lachnopus, 313, 361  
 Lachnosterna, 255  
 Lacon, 167, 354  
 Laetica, 300  
 Lacticini, 300  
 Læmophlœus, 199, 356  
 Læmosaccini, 326  
 Læmosaccus, 326  
 Læninae, 236  
 Lagochirus, 282  
 LAGRIIDÆ, 237  
 Lagriini, 237  
 Lamiinae, 280  
 Lamiota, 118  
 Lamperos, 236  
 Lampetis, 179  
 Lamprocerini, 141  
 Lamprorhiza, 142  
 Lampromerus, 270  
 Lamprosoma, 292  
  
 Lamprosominae, 292  
 LAMPYRIDÆ, 141, 353  
 Lampyrini, 141  
 Languria, 200  
 Languriinae, 200  
 Langurites, 201  
 Lapethus, 206  
 Lappus, 163  
 Lara, 185  
 Laria, 304  
 LARICOBIDÆ, 202  
 Laricobius, 202  
 Lasconotus, 205  
 Lasioderma, 242  
 Lasiopopus, 254  
 Latheticus, 234  
 LATHRIDIIDÆ, 207, 357  
 Lathridiini, 207  
 Lathridius, 207  
 Lathrimæum, 94  
 Lathrium, 94, 352  
 Lathrobia, 101  
 Lathrobiella, 102  
 Lathrobioma, 102  
 Lathrobiopsis, 101  
 Lathrobium, 101  
 Lathrolepta, 102  
 Lathropinus, 100  
 Lathropus, 200  
 Lathrotaxis, 102  
 Lathrotropis, 102  
 Lebasiella, 152  
 Lebia, 65  
 Lebiini, 65  
 Lechriops, 329  
 Lecontea, 141  
 Lecontella, 149  
 Lecontia, 161  
 Lederia, 239  
 Leichenini, 232  
 Leichenum, 232  
 Leiocnemis, 60  
 Leiodes, 88  
 Leiolinus, 106  
 Leiomerus, 333  
 Leionota, 135  
 Leionotoxenus, 344  
 Leionotus, 80  
 Leiopceplus, 195  
 Leiopus, 282  
 Leironotus, 60  
 Leistotrophus, 109  
 Leistus, 46  
 Leja, \*  
 Lema, 287, 359  
 Lembodes, 332  
 Lena, 104  
 Leonia, 160  
 Leonidea, 160  
 Leperinini, 194  
 Leperisinus, 338, 363  
 Lepidocricus, 314  
 Lepidophorus, 316  
 Lepisomus, 338  
 Leposoma, 315  
 Leprotini, 292  
 Leptacinodes, 106  
 Leptacinus, 106, 352  
  
 Leptacmaeops, 272  
 Leptagria, 124  
 Leptalia, 271  
 Leptarthrus, 322  
 LEPTINIDÆ, 86  
 Leptinillus, 86  
 Leptinotarsa, 294  
 Leptinus, 86  
 Leptipsius, 198  
 Leptobamona, 113  
 Leptoferonia, 56  
 Leptogenius, 105  
 Leptolinus, 106  
 Leptomus, 39  
 Leptophlœus, 199  
 Leptoplectus, 128  
 Leptoremus, 162  
 Leptorus, 104  
 Leptoschema, 168  
 Leptoscydmini, 91  
 Leptoscydmus, 91  
 Leptostilbus, 211  
 Leptostylus, 282, 359  
 Leptotrachelus, 65  
 Leptotrix, 301  
 Leptovectura, 148  
 Leptura, 273, 359  
 Lepturges, 283  
 Lepturgoides, 282  
 Lepturinae, 271  
 Lepturini, 271  
 Lepturoides, 169  
 Lepturoidina, 169  
 Leptusa, 114  
 Lepyrus, 316, 362  
 Lcsteva, 95  
 Letznerella, 340  
 Leuchydrium, 50  
 Leucopæderus, 101  
 Leucoparyphus, 111  
 Leucorus, 104  
 Lianema, 270  
 Liasemum, 267  
 Librodor, 197  
 Liburnelenchus, 344  
 Lichenophanes, 245  
 Lichminus, 192  
 Lichnanthe, 254  
 Licinini, 62  
 Licinus, 62  
 Liesthini, 209  
 Ligniperda, 265  
 Ligyrodes, 260  
 Ligyryus, 260, 358  
 Limalophus, 361  
 Limnebiinae, 83  
 Limnebius, 83  
 Limnichinae, 192  
 Limnichini, 192  
 Limnichites, 192  
 Limnichoderus, 192  
 Limnichus, 192  
 Limnius, 186  
 Limnobaris, 328  
 Limnochlaris, 83  
 Limonius, 168, 354  
 Limulodes, 133  
 Limulodinae, 133

\* See List of Errata.



- Lina, 295  
 Lindorus, 214  
 Linolathra, 102  
 Linonotus, 328  
 Liobaulius, 163  
 Liocnemis, 60  
 Liocosmius, 50  
 Iiodema, 233  
 Iioderma, 135  
 Iiodes, 88  
 Iiodicalus, 62  
 Liogluta, 118  
 Liolepta, 335  
 Lioligus, 192  
 Liomctophilus, 333  
 Lionepha, 49  
 Lionota, 135  
 Lioon, 193  
 Lioonini, 193  
 Liophlœus, 316  
 Liopus, 282  
 Liozoum, 241  
 Liparetrini, 254  
 Liparocephalus, 114  
 Liparus, 313  
 Lirus, 61  
 Lispini, 93  
 Lispinus, 93  
 Lissagria, 124  
 Lissobiops, 101  
 Lissohypnus, 105  
 Lissomelas, 263  
 Lissomini, 177  
 Lissonotini, 280  
 Lissonotus, 280  
 Lissorhoptrus, 320  
 Listemus, 191  
 Listotrophus, 109  
 Listrochelus, 257, 358  
 Listroderes, 316  
 Listroderi, 316  
 Listromimus, 147  
 Listronotus, 316, 362  
 Listrus, 147  
 Litargellus, 204  
 Litargus, 204  
 Lithcleodes, 227  
 Lithochares, 103  
 Lithocharis, 103, 352  
 Lithocharodes, 106  
 Lithocoryne, 356  
 Lithodus, 333  
 Lithomacratia, 354  
 Lithophorus, 206  
 Lithophthorus, 363  
 Litochropus, 211  
 Litochrus, 211  
 Litolathra, 101  
 Litolibrus, 210  
 Litorimus, 186  
 Lixellus, 320  
 Lixus, 325  
 Loberus, 202  
 Lobetus, 144  
 Lobiopa, 196  
 Lobogestoria, 205  
 Lobometopon, 221  
 Lobopoda, 218  
 Lobrathium, 102  
 Locptes, 320  
 Lochunæocles, 284  
 Locrodes, 220  
 Loganius, 337  
 Lomechusa, 115  
 Longipeltina, 127  
 Longitarsus, 302  
 Lopha, 52  
 Lophalophus, 316  
 Lopheros, 140  
 Lophioderini, 89  
 Lophioderus, 89  
 Lophocateres, 194  
 Lophoglossus, 58  
 Lophopœum, 283  
 Loricera, 46, 350  
 Loricerini, 46  
 Lorinota, 124  
 Lorocera, 46  
 Loxandrus, 59  
 Loxopeza, 65  
 LUCANIDÆ, 264, 359  
 Lucaninæ, 264  
 Lucanus, 264, 359  
 Lucidota, 141, 353  
 Lucidotini, 141  
 Ludiina, 169  
 Ludiophanes, 354  
 Ludius, 169, 172  
 Luperaltica, 301  
 Luperalticini, 301  
 Luperini, 297  
 Luperodes, 297, 360  
 Luperus, 297  
 Lutrochites, 355  
 Lutrochus, 185  
 Lycaina, 140  
 Lychnuris, \*  
 Lyci, 140  
 LYCIDÆ, 140, 353  
 Lycoperdina, 209  
 Lycoperdinini, 209  
 Lycoptis, 194  
 Lycostomus, 140  
 LYCTIDÆ, 245  
 Lyctini, 245  
 Lyctopholis, 246  
 Lyctoxygen, 246  
 Lyctus, 240  
 Lycus, 140  
 Lygerus, 144  
 Lygistropteri, 140  
 Lygistropterus, 140  
 Lymantes, 334  
 Lymantides, 334  
 Lymantor, 342  
 LYMEXYLIDÆ, 152, 353  
 LYMEXYLOIDEA, 152  
 Lymexylon, 152  
 LYMEXYLONIDÆ, 152  
 Lymnæum, \*  
 Lymnastes, 54  
 Lymncops, 53  
 Lyperopherus, 57  
 Lyphia, 234  
 Lypsimena, 284  
 Lyrosoma, 87  
 Lyrosomini, 87  
 Lystrotychus, 219  
 Lytta, 158, 354  
 LYTTIDÆ, 157  
 Lyttides, 157  
 Lyttini, 157  
 Machærodes, 131  
 Machlotcs, 206  
 Macrancylus, 334  
 Macranoxia, 257  
 Macratia, 162, 354  
 Macratriini, 162  
 Macreurops, 198  
 Macrobasis, 158  
 Macroductylini, 257  
 Macroductylus, 258, 358  
 Macrolampis, 141  
 Macromerus, 333  
 Macronæmia, 215  
 Macronychus, 186  
 Macroplæa, 286  
 Macropodina, 263  
 Macropogon, 187  
 Macropogonini, 187  
 Macrops, 317  
 Macrorhoptus, 322, 362  
 Macrorhyncolus, 335  
 Macrosiagon, 156, 353  
 Macrotelus, 148  
 Macroterma, 118  
 Macrotomini, 265  
 Macrovatellus, 76  
 Madarellus, 327  
 Madarus, 327  
 Magdalini, 321  
 Magdalinops, 322  
 Magdalis, 321, 362  
 MALACHIDÆ, 145  
 Malachiinæ, 145  
 Malachius, 145, 353  
 Malacopterus, 268  
 Malacorhinus, 298  
 Malacosoma, 298  
 Mallodon, 265  
 Mallodrya, 238  
 Mallodryini, 238  
 Malobidion, 270  
 Malporus, 163  
 Malthacus, 143  
 Malthini, 144  
 Malthinus, 144  
 Malthodes, 144  
 Malthophia, 268  
 Mannophorus, 280  
 Mantura, 301  
 Maphœa, 247  
 Margarinotus, 137  
 Marginus, 202  
 Marolia, 239  
 Maronetus, 43  
 Maseochara, 125  
 Masteutes, 360  
 Mastinocerini, 142  
 Mastinocerus, 142  
 Mastogcnini, 185  
 Mastogenius, 185  
 Mastoremus, 162

- Matheteus, 141  
 Matini, 80  
 Matus, 80  
 Mecas, 285  
 Mecinini, 325  
 Mecocerus, 219  
 Mecomyceter, 148  
 Mecopeltus, 331  
 Mecotetartus, 282  
 Mecynocera, 344  
 Mecynopyga, 324  
 Mecynotarsus, 163  
 Mecysmus, 231  
 Medon, 103  
 Medonella, 103  
 Medones, 103  
 Medonodonta, 103  
 Megacephalini, 39  
 Megachronus, 111  
 Megacyllene, 276  
 Megaderini, 280  
 Megaderus, 280  
 Megadytes, 81  
 Megaleptura, 273  
 Megalodacne, 201  
 Megalops, 98  
 Megalopsidia, 98  
 Megalopsidiini, 98  
 Megalostomini, 288  
 Megalostomus, 288  
 Megalostylus, 59  
 Megapangus, 70  
 Megapenthes, 173, 354  
 Megaquedius, 110  
 Megarafonus, 127  
 Megarthrus, 93  
 Megasattus, 229  
 Megascelinæ, 287  
 Megascelis, 287  
 Megasida, 226  
 Megasoma, 261  
 Megasominus, 261  
 Megasternum, 86  
 Megasteropus, 57  
 Megastilicus, 104  
 Megataphrini, 205  
 Megataphrus, 205  
 Megathopa, 248  
 Megatoma, 189  
 Megatomini, 190  
 Megeleates, 232  
 Megetra, 159  
 Megilla, 215  
 Megista, 118  
 Megobrium, 275  
 Megomus, 39  
 Megorama, 243  
 Melagria, 124  
 Melamomphus, 311  
 Melanactes, 171, 354  
 Melanaetini, 171  
 Melanalia, 125  
 Melanastus, 221  
 Melandrya, 239  
 MELANDRYIDÆ, 238, 358  
 Melandryini, 239  
 Melaneodes, 227  
 Melanophila, 181, 355  
 Melanophthalma, 208  
 Melanoterius, 137  
 Melanotini, 174  
 Melanotus, 174  
 MELASIDÆ, 176, 355  
 Melasini, 176  
 Melasis, 176  
 Melasoma, 295  
 Melba, 128  
 Melbonus, 311  
 Meligethes, 195  
 Meligethinæ, 195  
 Melittomma, 152, 353  
 Meloe, 159  
 MELOIDÆ, 157, 354  
 Meloides, 159  
 Meloinæ, 157  
 Meloini, 159  
 Melolonthinæ, 253  
 Melolonthini, 254  
 Melomalus, 50  
 MELYRIDÆ, 145, 353  
 Melyrinæ, 146  
 Melyrini, 148  
 Melyris, 148  
 Melyrodes, 148  
 Menedrio, 235  
 MENGEIDÆ, 343  
 MENGEOIDEA, 343  
 Menœceus, 218  
 Meotica, 119  
 Meracantha, 237, 357  
 Meracanthinæ, 237  
 Merhynchites, 308  
 Merinus, 235  
 Meristhus, 167  
 Merium, 276  
 Merona, 123  
 Meronera, 123  
 Merophysiini, 207  
 Merotemnus, 234  
 Mesites, 334  
 Mesomphalia, 304  
 Mesosini, 281  
 Mesostenus, 100  
 Metablapyllis, 228  
 Metabletus, 66  
 Metachroma, 293, 359  
 Metachromini, 293  
 Metaclisa, 233  
 Metacolaspis, 293  
 Metacycla, 298  
 Metacyclini, 298  
 Metaleptus, 279  
 Metamasius, 335  
 Metaparia, 292  
 Metaxya, 119  
 Metaxyodonta, 103  
 Metaxyonycha, 292  
 Methia, 268  
 Methiini, 268  
 Metonius, 184  
 Metophthalmus, 207  
 Metopoloba, 222  
 Metoponcus, 106  
 Metoponiopsis, 220  
 Metoponium, 219  
 Metopotoma, 334  
 Metriini, 47  
 Metriona, 304  
 Metrius, 47  
 Mezius, 240  
 Miarus, 325  
 Miccotrogus, 320  
 Michthysoma, 278  
 Michthysomini, 278  
 Micracinæ, 339  
 Micracis, 339  
 Micrædus, 95  
 Micragra, 67  
 Micralcinus, 332  
 Micralymma, 94  
 Micranobium, 241, 243  
 Micrapate, 245  
 Micratheta, 119  
 Micratopini, 54  
 Micratopus, 54  
 Micrearota, 119  
 Micridium, 132  
 Micrixys, 49  
 Microbaris, 327  
 Microbregma, 242  
 Microcallidium, 276  
 Microcara, 188  
 Microcholus, 328  
 Microclytus, 278  
 Microcyptus, 110  
 Microdonia, 116  
 Microdota, 118  
 Microædus, 95  
 Microglossa, 125  
 Microglotta, 125  
 Microgoes, 281  
 Microhyus, 332  
 Microlathra, 102  
 Microlia, 122  
 Microlinus, 106  
 Microlipus, 146  
 Microlymma, 94  
 MICROMALTHIDÆ, 153  
 Micromalthus, 153  
 Micromaseus, 58  
 Micromastus, 333  
 Micromelomalus, 50  
 Micromes, 222  
 Micromota, 121  
 Micronæmia, 215  
 Micropeplinæ, 92  
 Micropeplus, 92  
 Microphotus, 141  
 Microrhopala, 303  
 Microrhagus, 176, 355  
 Microsaurus, 109  
 Microscapha, 239  
 Microschatia, 224  
 MICROSPORIDÆ, \*  
 Microsporus, 133  
 Microstemma, 91  
 Microsternus, 201  
 Microtachys, 54  
 Microtonus, 239  
 Microtychius, 321  
 Microweisea, 213  
 Microweiseini, 213  
 Microzogus, 241  
 Micrurula, 196

\* See List of Errata.

- Miloderes, 311  
 Mimetes, 154, 311, 313  
 Minthea, 246  
 Minturnia, 288  
 Minyomerus, 312  
 Miocænia, 353  
 MioCyphon, 355  
 Miodytiscus, 351  
 Miogeraeus, 363  
 Miolachnosterna, 358  
 Miolithocharis, 352  
 Miophenolia, 356  
 Miosilpha, 351  
 Miostenosis, 357  
 Miscodera, 68  
 Mitostylus, 313  
 Mniophilini, 300  
 Molamba, 92  
 Molorchini, 275  
 Molorchus, 275  
 Molosoma, 98  
 Moluciba, 123  
 Momonus, 324  
 Monachus, 290  
 Monachulini, 290  
 Monachulus, 290  
 Monadia, 121  
 Monarthrum, 339  
 Moneilemini, 280  
 Moneilema, 280  
 Monesoma, 193  
 Monilema, 280  
 Monius, 319  
 Monobiaphila, 344  
 Monocerus, 162  
 Monocesta, 296  
 Monochamini, 281  
 Monochamus, 281  
 Monocrepidina, 167  
 Monocrepidius, 167, 354  
 MONÆDIDÆ, 206  
 Monœdus, 206  
 Monoferonia, 57  
 Monohammus, 281  
 Monolepta, 298  
 MONOMMIDÆ, 238  
 Mononychi, 330  
 Mononychus, 330  
 Monophylla, 148  
 Monoplatini, 299  
 Monotoma, 197  
 MONOTOMIDÆ, 197  
 Monotominæ, 197  
 Monoxia, 296  
 Mordella, 155, 353  
 MORDELLIDÆ, 154, 353  
 Mordellini, 154  
 Mordellistena, 155, 353  
 MORDELLOIDEA, 153  
 Morio, 49  
 Morion, 49  
 Morionini, 49  
 Morius, 128  
 Morizus, 339  
 Morychus, 191  
 Motschulskium, 132  
 MURMIDIDÆ, 206  
 Murmidius, 206  
 Mutinus, 99  
 Myas, 55, 350  
 Mycetæa, 209  
 MYCETÆIDÆ, 209  
 Mycetæini, 209  
 Mycetina, 209  
 Mycetochara, 219  
 Mycetochares, 219  
 Mycetocharis, 219  
 Mycetocharus, 219  
 MYCETOPHAGIDÆ, 204, 357  
 Mycetophagini, 204  
 Mycetophagus, 204, 357  
 Mycetophila, 219  
 Mycetoporus, 112  
 Mychocerus, 206  
 Mycotretus, 201  
 Mycotrogus, 234  
 Mycotrupes, 252  
 Mycterini, 240  
 Mycterus, 240  
 Myelophilus, 339  
 MYLABRIDÆ, 304, 360  
 Mylabrini, 157  
 Mylabris, 304, 360  
 MYLABROIDEA, 304  
 Mylacus, 315  
 Myllæna, 113  
 Myllænini, 113  
 Myochroini, 293  
 Myochrous, 293  
 Myocoryna, 294  
 Myodes, 157  
 Myodites, 157  
 Myrmeceicon, 263  
 Myrmechixenini, 204  
 Myrmechixenis, 204  
 Myrmecochara, 125  
 Myrmecopora, 124  
 Myrmecoxenus, 204  
 Myrmedonia, 116  
 Myrmedoniini, 115  
 Myrmobiota, 125  
 Myrmœcia, 116  
 Mysia, 217  
 Mystaxis, \*  
 Mystaxus, 239  
 Næmia, 215  
 Nacerda, 154  
 Nacerdes, 154  
 Nacerdini, 153  
 Nanophyes, 325  
 Nanops, 324  
 Nanosella, 132  
 Nanularia, 179  
 Nanus, 334  
 Narpus, 185  
 Narthecius, 199  
 Nasirema, 127  
 Nathicus, 163  
 Nathrenus, 190  
 Nausibius, 199  
 Nautes, 236  
 Neada, 122  
 Neandra, 265  
 Neatus, 235  
 Nebria, 46, 350  
 Nebriini, 46  
 Necrobia, 152, 353  
 Necrobora, 87  
 Necrodes, 87, 351  
 Necrophilus, 87  
 Necrophorus, 86  
 Necydalini, 275  
 Necydalis, 275  
 Negalius, 159  
 Neichnea, 151  
 Neladius, 90  
 Ncleus, 265  
 Nelites, 233  
 Nematidii, 206  
 Nematidium, 206  
 Nematodes, 176  
 Nematolinus, 106  
 Nematoplini, 162  
 Nematoplus, 162  
 Nemielus, 200  
 Nemognatha, 160, 354  
 Nemognathides, 160  
 Nemophilus, 337  
 Nemosoma, 193  
 Nemota, 119  
 Nemotarsus, 65  
 Nemozoma, 193  
 Neobisnius, 106  
 Neobium, 242  
 Neobrotica, 297  
 Néoceletes, 140  
 Neoclytus, 277  
 Neocyclus, 44  
 Neoharmonia, 216  
 Neomastix, 324  
 Neomedon, 103  
 Neomida, 233  
 Neomysia, 217  
 Neopanscopus, 312  
 Neopolyarthron, 266  
 Neoptochus, 314  
 Neopyrochroa, 161  
 Ncostylops, 343  
 Neothanes, 349  
 Neotomicus, 341  
 Nephanes, 133  
 Nesostes, 229  
 Nestra, 64  
 Nicagus, 265  
 Nicentrus, 328  
 Nicobium, 242  
 Nicotheus, 129  
 Niptinus, 240  
 Niptus, 240  
 Nipus, 213  
 Nisa, 130  
 Nisaxis, 130  
 Nitidula, 195, 356  
 NITIDULIDÆ, 194, 356  
 Nitidulinæ, 195  
 Nitidulini, 195  
 Nocheles, 312  
 Nocibiotes, 231  
 Noctophus, 89  
 Noda, 292  
 Nodonota, 292  
 Nomarectus, 43, 349  
 Nomaspis, 160

\* See List of Errata.



- Nomidus, 312  
 Nomiini, 49  
 Nomius, 49  
 Nomophlæus, 198  
 Noserus, 233  
 Nosodendrinæ, 191  
 Nosodendron, 191, 356  
 Nosodermini, 223  
 Nosodes, 194  
 Nosora, 122  
 Nosotetocus, 356  
 Nossidium, 132  
 Notaphus, 51  
 Notaris, 318, 362  
 Nothodes, 168  
 Nothopleurus, 265  
 Nothopus, 70, 350  
 Nothorhina, 267  
 Nothoxus, 162  
 Nothrus, 270  
 Nothus, 240  
 Notibius, 231  
 Noterina, 76  
 Notiophilini, 46  
 Notiophilus, 46  
 Notolomus, 318  
 Notomicrini, 76  
 Notomicrus, 76  
 Nototaphra, 116  
 Notoxus, 162  
 Notoxys, 162  
 Novelsis, 189  
 Noverota, 120  
 Noviini, 214  
 Novius, 214  
 Nudobius, 105  
 Numitor, 362  
 Nyctæa, 187  
 Nycteus, 187  
 Nyctobates, 235  
 Nyctoporini, 224  
 Nyctoporis, 224  
 Nyssodrys, 282  
 Nyssodrysina, 282  
 Nyssonotus, 335  
  
 Oberea, 285  
 Oberonus, 185  
 Oberopa, 285  
 Obrini, 270  
 Obrium, 270  
 Ocalea, 127  
 Ochodæini, 251  
 Ochodæus, 251  
 Ochrolitus, 211  
 Ochrosanis, 200  
 Ochrosidia, 260  
 Ochthebius, 82  
 Ochthedromus, 49  
 Ochthephilus, 95  
 Octinodes, 166  
 Octotemnus, 247  
 Octotoma, 303  
 Ocypus, 108  
 Ocyusa, 126  
 Odacanthini, 65  
 Odontæus, 252  
 Odontium, 49  
 Odontocorynus, 328  
 Odontomus, 182  
  
 Odontonyx, 187  
 Odontopus, 324  
 Odontosphindus, 246  
 Odontota, 303  
 OEDEMERIDÆ, 153, 353  
 Oedemerina, 153  
 Oedemerini, 154  
 Oedionychini, 299  
 Oedionychis, 299  
 Oedostethus, 171  
 Oemc, 268  
 Oemini, 268  
 Oencis, 214  
 Oestodes, 171  
 Oestodini, 171  
 Oistus, 167  
 Olibri, 210  
 Olibroporus, 210  
 Olibrus, 210  
 Oliganomala, 259  
 Oligolinus, 106  
 Oligolochus, 328  
 Oligomerodes, 241  
 Oligomerus, 241, 358  
 Oligomia, 121  
 Oligopterus, 103  
 Oligota, 113  
 Oligotini, 113  
 Oligurota, 114  
 Olisthærus, 93  
 Olistherus, 210  
 Olisthopus, 64  
 Olla, 216  
 Ologlyptus, 224  
 Olophrum, 94, 352  
 Omala, \*  
 Omalina, 93  
 Omalisus, 140  
 Omalium, 94, 352  
 Omalodes, 136  
 Omaseus, 58  
 Omegalia, 120  
 Omethes, 142  
 Omethini, 142  
 Omias, 315  
 Omileus, 313, 361  
 Omina, 39  
 Omonadus, 163  
 Omophlina, 219  
 Omophron, 75  
 OMOPHIRONIDÆ, 75  
 Omorgus, 254  
 Omosiphora, 196  
 Omosita, 196  
 Omostilicus, 104  
 Omus, 39  
 Oncerus, 253  
 Oncideres, 284  
 Onciderini, 284  
 Oniticellus, 249  
 Onota, 67  
 Ontholestes, 109, 352  
 Onthophagus, 248  
 Onthophilus, 137  
 Onychobaris, 327  
 Onychotrupes, 252  
 Onychylis, 320  
 Oochila, 224  
 Ooconibius, 231  
 Oodes, 69, 364  
  
 Oodiellus, 69  
 Oodiini, 69  
 Oodinus, 69  
 Oomorphidius, 328  
 Oomorphus, 292  
 Oophorus, 167  
 Oopterinus, 321  
 Oosternum, 85  
 Opadius, 70  
 Opatrina, 232  
 Opatrinus, 231  
 Opatrumini, 232  
 Opetiopalpus, 152  
 Opetiopselaphus, 152  
 Opheltes, 265  
 Ophistomis, 273, 274  
 Ophonus, 71  
 Ophræa, 296  
 Ophryastes, 311, 361  
 Ophryastini, 311  
 Ophryastites, 361  
 Ophthalmochlini, 344  
 Ophthalmochlus, 344  
 Opilo, 149  
 Opilus, 149  
 Opisthiini, 46  
 Opisthius, 46  
 Opresini, 90  
 Opresus, 90  
 Opsimus, 267  
 Opuntiaphila, 333  
 Ora, 188  
 Orchesia, 238  
 Orchesiini, 238  
 Orchestes, 324, 362  
 Orchestomerus, 330  
 Orchestris, 302  
 Orcus, 217  
 Orectis, 304  
 Orectochilini, 82  
 Oreochara, 124  
 Oreostiba, 120  
 Orimodema, 311  
 Orizabus, 261  
 Ormiscus, 306, 360  
 Orobanus, 95  
 Orochares, 94  
 Orophina, 247  
 Orophius, 247  
 Oropodes, 128  
 Oropus, 129  
 Orphilini, 191  
 Orphilus, 191, 356  
 Orsodacne, 287  
 Orsodacnina, 287  
 Orsonyx, 254  
 Orthagria, 124  
 Orthaltica, 301  
 Orthocis, 247  
 Ortholeptura, 271  
 Orthopeplus, 196  
 ORTHOPERIDÆ, 91  
 Orthoperini, 91  
 Orthoperus, 91  
 Orthopleura, 152  
 Orthoptochus, 315  
 Orthoris, 327  
 Orthosoma, 266  
 Orthostethus, 172  
 Orthotomicus, 341

- Orus, 104  
 Oryctini, 260, 261  
 Oryctorhinus, 363  
 Oryctoscirtetes, 360  
 Oryzaephilus, 198  
 Osmidus, 268  
 Osmoderma, 263  
 Osoriini, 98  
 Osorius, 98  
 Osphya, 240  
 Osphyini, 240  
 Ostoma, 194, 356  
 OSTOMIDÆ, 193, 356  
 Ostomini, 194  
 Ostomodes, 194  
 Othii, 106  
 Othius, 106  
 OTHNIDÆ, 152  
 Othnius, 152  
 Otidocephalini, 321  
 Otidocephalus, 321  
 Otiorhynchinae, 310  
 Otiorhynchini, 314  
 Otiorhynchites, 361  
 Otiorhynchus, 314  
 Ousipalia, 121  
 Oxacis, 154  
 Oxoplus, 279  
 Oxynemus, 196  
 Oxygonini, 302  
 Oxygenodera, 222  
 Oxygenus, 172, 354  
 Oxygrylius, 261  
 Oxylæmus, 206  
 Oxymedon, 103  
 Oxynychus, 211  
 Oxyomus, 250, 358  
 Oxyopoda, 126  
 Oxyporinae, 110  
 Oxyporini, 110  
 Oxyporus, 110, 352  
 Oxypteris, 181  
 OXYRHYNCHIDÆ, 308  
 Oxyteli, 95  
 Oxytelinae, 92  
 Oxytelini, 95  
 Oxytelus, 96, 352  
 Ozæniini, 49  
 Ozognathus, 241  
  
 Pachnæus, 312  
 Pachybaris, 328, 363  
 Pachybrachyni, 289  
 Pachybrachys, 289  
 Pachybruchus, 305  
 Pachycerota, 127  
 Pachydemini, 257  
 Pachylobius, 318, 362  
 Pachylopus, 139  
 Pachymerus, 304  
 Pachyonychus, 299  
 Pachyphanes, 318  
 Pachyplectrus, 252  
 Pachyschelus, 184  
 Pachystethus, 259  
 Pachystilicus, 104  
 Pachystylus, 289  
 Pachyta, 271  
 Pachytcles, 49  
 Pachytychius, 318  
  
 Pactopus, 177, 355  
 Pactorrhinus, 312  
 Pactostoma, 224, 357  
 Pæderi, 101  
 Pæderillus, 101  
 Pæderinae, 100  
 Pæderini, 100  
 Pæderus, 101, 352  
 Pagiocerus, 337  
 Palæosmodicum, 359  
 Palæoxenus, 177  
 Palaminus, 100  
 Palembus, 233  
 Pallodes, 197  
 Palædemera, 353  
 Palorus, 234  
 PALPICORNIA, 82  
 Panagæini, 49  
 Panagæus, 49  
 Pancota, 122  
 Pandeleteini, 312  
 Pandeleteinus, 312  
 Pandeleteius, 312, 361  
 Pandeletejus, 312  
 Panolota, 119  
 Panormus, 314  
 Panscopidius, 312  
 Panscopus, 312  
 Pantomallus, 268  
 Pantomorus, 313  
 Papusus, 91  
 Paracamptus, 332  
 Paraclytus, 278  
 Paracymus, 84  
 Paradilacra, 120  
 Paraferonia, 58  
 Parafilumis, 193  
 Paragoges, 321  
 Paragraphus, 314  
 Parahornia, 335  
 Paralathra, 102  
 Paralestera, 95  
 Paralitargus, 204  
 Parallelina, 273  
 Parallellostethus, 172  
 Paralobium, 241  
 Paralopha, 53  
 Paramallus, 265  
 Paramecosoma, 203  
 Paramedon, 103  
 Paramcotica, 120  
 Paraneamia, 215  
 Parandra, 265  
 Parandrini, 265  
 Parandrita, 199  
 Paranomala, 258  
 Paranoimus, 170  
 Paranovelsis, 190  
 Paranthonomus, 322  
 Parapachyta, 271  
 Paraphlæus, 234  
 Paraplinthus, 317  
 Paraptochus, 314  
 Paraptorthodius, 142  
 Paraquedius, 109  
 Parareoda, 260  
 Parargutor, 58  
 Parascydmus, 90  
 Parasida, 225  
 Paratachys, 53  
  
 Paratenetus, 236  
 Paratimia, 279  
 Paratriarius, 297  
 Paratychius, 321  
 Paravius, 220  
 Paria, 294  
 Parilendus, 204  
 Parisorhipis, 262  
 Parmenonta, 284  
 Parmenosoma, 280  
 Parmulini, 92  
 Parmulus, 92  
 PARNIDÆ, 185  
 Parnus, 185  
 Parocalea, 127  
 Parolamia, 359  
 Paromalus, 137  
 Parothius, 106  
 Pasilia, 114  
 Pasimachus, 47  
 PASSALIDÆ, 265  
 Passalus, 265  
 Passandrini, 199  
 Patea, 245  
 Patrobus, 54, 350  
 PAUSSIDÆ, 351  
 Paussopis, 351  
 Pechalius, 222  
 Pectusa, 113  
 Pedetes, 168  
 Pediacus, 199, 356  
 PEDILIDÆ, 161, 354  
 Pedilini, 161  
 Pedilophorus, 191  
 Pedilus, 161, 354  
 Pedininae, 231  
 Pedinus, 232  
 Pelates, 87  
 Pelatines, 87  
 Pelecomalium, 95  
 Pelecotoides, 156  
 Pelecotoma, 156  
 Pelecotomini, 156  
 Pelecyporus, 224  
 Pelenomus, 185  
 Pelenosomus, 330  
 Pelidnota, 259  
 Peliopoda, 119  
 Pelmatellus, 73  
 Pelonides, 151  
 Pelonium, 151  
 Pelenomus, 331  
 Pelophila, 46  
 Pelosoma, 85  
 Peltastica, 202  
 Peltis, 87, 194  
 Peltodytes, 76  
 Peltotrupes, 252  
 Pemelus, 85  
 Pemphus, 43  
 Pentagonica, 67  
 Pentagrammaphila, 344  
 Pentanodes, 278  
 Pentaphyllus, 233  
 Pentaria, 156  
 Pentarthrinus, 335  
 Penthe, 238  
 Penthelispa, 206  
 Penthini, 238  
 Pentilia, 213

- Pentispa, 303  
 Pentodontini, 260  
 Peploglyptus, 137  
 Peranus, 136  
 Perarthrus, 280  
 Percosia, 60  
 Perenthis, 331  
 Pergetus, 162  
 Peribœum, 270  
 Pericompsus, 53  
 Perigaster, 331  
 Perigona, 64  
 Perilypus, 149  
 Perimecus, 174  
 Perimegatoma, 190  
 Perissarthron, 169  
 Peristethus, 57  
 Peritapnia, 282  
 Peritaxia, 311  
 Peritelinus, 315  
 Peritelodes, 315  
 Peritelopsis, 315  
 Peritelus, 314  
 Perothopinæ, 177  
 Perothops, 177  
 Perthalycra, 197  
 Peryphodes, 51  
 Peryphus, 50  
 Petalium, 243  
 Petalon, 187  
 Phacepholis, 314  
 Phæa, 285  
 Phædon, 295  
 Phædonini, 295  
 Phædromus, 299  
 Phænocerus, 176  
 Phænogyra, 115  
 Phænonotum, 85  
 Phænops, 181  
 Phænotypus, 85  
 Phalacri, 210  
 PHALACRIDÆ, 210  
 Phalacropsis, 210  
 Phalacrus, 210  
 Phaleria, 232  
 Phalcriinæ, 232  
 Phanæus, 248, 358  
 Phanerota, 115  
 Phanocerus, 185  
 Phanosolena, 307  
 Pharalus, 70  
 Pharaxonotha, 202  
 Phasinota, 119  
 Phausis, 142  
 Phedius, 218  
 Phegoneus, 222  
 Pheletes, 168  
 Phelister, 136  
 Phellidius, 232  
 Phellopsis, 223  
 Phengodes, 142  
 PHENGODIDÆ, 142  
 Phengodini, 142  
 Phenolia, 196, 356  
 Philas, 86  
 Phileurini, 262  
 Phileurus, 262  
 Philhydrus, 84  
 Philhygra, 119  
 Philodes, 74  
 Philolithus, 224  
 Philonthus, 106, 352  
 Philopheuga, 67  
 Philophuga, 67  
 Philopuntia, 333  
 Philoteenus, 66  
 Philoterme, 117  
 Philothermus, 206  
 Philoxylon, 241  
 Phlegon, 177  
 Phlæocharini, 93  
 Phlæodes, 223  
 Phlæonæus, 96  
 Phlæonemites, 357  
 Phlæonemus, 205  
 Phlæonomus, 94  
 Phlæophagus, 334  
 Phlæophthorus, 338  
 Phlæopora, 127  
 Phlæopterus, 95  
 Phlæosinus, 338, 363  
 Phlæostiba, 94  
 Phlæotribini, 338  
 Phlæotribus, 338  
 Phlæotrya, 239  
 Phlæoxena, 66  
 Phlyctænodini, \*  
 Phobetus, 257  
 Phodaga, 159  
 Phœnicobiella, 307  
 Phœnicobius, 307  
 Phomalus, 165  
 Phoracanthini, 268  
 Phosphyga, 87  
 Photinini, 141  
 Photinus, 141  
 Photurini, 142  
 Photuris, 142  
 Phryganophilus, 239  
 Phthora, 234  
 Phthorophlæus, 338, 363  
 Phycocætes, 320  
 Phyconomus, 198  
 Phydanis, 299  
 Phyletes, 233  
 Phylethus, 233  
 Phyllechthri, 298  
 Phyllechthrus, 298  
 Phyllobænides, 151  
 Phyllobænus, 151  
 Phyllobiini, 315  
 Phyllobius, 315, 361  
 Phyllobrotica, 297  
 Phyllobroticini, 297  
 Phyllodecta, 296  
 Phyllodectini, 295  
 Phyllodrepa, 94  
 Phyllophaga, 255, 358  
 Phyllostoma, 264  
 Phyllotreta, 302  
 Phyllotrox, 318  
 Phymaphora, 209  
 Phymatinus, 276, 312  
 Phymatodes, 276, 359  
 Phymatodina, 276  
 Phrydenus, 331  
 Physea, 49  
 Physemus, 192  
 Physetoporus, 111  
 Physocnemum, 275  
 Physonota, 304  
 Physorrhinus, 174  
 Phytalus, 257  
 Phytobii, 331  
 Phytobius, 331  
 Phytodecta, 295  
 Phytoeciini, 285  
 Phyton, 270  
 Phytonomus, 316  
 Phytosus, 114  
 Phyxelis, 310, 361  
 Piazorhinus, 324  
 Piazurus, 329  
 Piesmus, 58  
 Piesti, 92  
 Piestini, 92  
 Piestus, 93  
 Piczocera, 270  
 Piezocerini, 270  
 Piezocorynus, 307  
 Pilema, 275  
 Pilopius, 131  
 Pimalius, 221  
 Pinacodera, 67  
 Pinalochara, 125  
 Pinodytes, 87  
 Pinodytini, 87  
 Pinophili, 100  
 Pinophilini, 100  
 Pinophilus, 100  
 Pinotus, 248  
 Piodes, 272  
 Piosoma, 70  
 Pisenus, 238  
 Pissodes, 317  
 Pissodini, 317  
 Pitnus, 240  
 Pityobiini, 168  
 Pityobius, 168  
 Pityogenes, 341  
 Pityokteines, 341  
 Pityophagus, 197  
 Pityophthoridæa, 363  
 Pityophthorus, 341  
 Placonycha, 187  
 Placusa, 113  
 Plagiodera, 295  
 Plagionotus, 277  
 Plagithmysus, 277  
 Planismus, 199  
 PLASTOCERIDÆ, 166  
 Plastocerus, 166  
 Platandria, 116  
 Plataphus, 50  
 Platasida, 226  
 Plateros, 140  
 Plateumaris, 286  
 Platidius, 55  
 Platycerus, 264  
 Platycholeus, 87  
 Platydema, 233, 357  
 Platyderus, 58  
 Platymedon, 103  
 Platynini, 62

\* See List of Errata.



- Platynus, 63, 350  
 PLATYPODIDÆ, 337  
 Platypssylla, 86  
 PLATYPSYLLIDÆ, 86  
 Platypus, 337  
 Platyrhynchus, 308  
 Platysma, 59  
 Platysoma, 136  
 Platystethus, 97, 352  
 PLATYSTOMIDÆ, 306, 360  
 Platyusa, 116  
 Plectonotum, 144  
 Plectralidus, 70  
 Plectrodera, 281  
 Plectrodes, 257  
 Plectromerus, 270  
 Plectromodes, 326  
 Plectrotetrophanes, 360  
 Plectrura, 280  
 Plegaderus, 137  
 Pleocoma, 252  
 Pleocominæ, 252  
 Pleotomus, 141  
 Plesiobaris, 327  
 Plesiocis, 247  
 Pleuridium, 206  
 Pleuropasta, 159  
 Pleurophorus, 251  
 Pleuropompha, 159  
 Pleurotobia, 115  
 Plinthodes, 316  
 Plinthus, \*  
 Plionoma, 280  
 Plocamus, 329  
 Plocetes, 320  
 Plochionus, 67, 350  
 Plæopterus, 149  
 Plæosoma, 201  
 Plusiotina, 259  
 Plusiotis, 259  
 Pnigodes, 320  
 Pocadius, 196  
 Pocalta, 259  
 Podabri, 143  
 Podabrus, 143, 353  
 Podalgus, 261  
 Podapion, 310  
 Podolasia, 254  
 Pœcilium, 276  
 Pœcilobrium, 275  
 Pœcilochnus, 176  
 Pœcilonota, 180  
 Pœcilstica, 259  
 Pœcilus, 58  
 Pogonidium, 49  
 Pogonini, 54  
 Pogonistes, 55  
 Pogonocheri, 283  
 Pogonocherini, 283  
 Pogonocherus, 283  
 Pogonodaptus, 75  
 Pogonus, 55  
 Polemiotus, 221  
 Polemius, 144, 351  
 Pollaclasis, 141  
 Polpochila, 75  
 Polycaon, 245  
 Polycesta, 177  
 Polycestini, 177  
 Polychara, 125  
 Polyclasis, 141  
 Polydacrys, 312  
 Polyderis, 54  
 Polydrosus, 313  
 Polydrusini, 313  
 Polydrusus, 313  
 Polygraphus, 338, 363  
 Polymedon, 103  
 Polymœchus, 260  
 Polyphylla, 257  
 Polypleurus, 235  
 Polypria, 240  
 Polyspila, 295  
 Polystoma, 125  
 Pomphopœa, 157  
 Pontomalota, 123  
 Popillia, 259  
 Porcinolus, 192  
 Poreospasta, 159  
 Porphryaspis, 304  
 Porrhodites, 94  
 Potamophilini, 185  
 Prasinalia, 179  
 Prasocurini, 294  
 Prasocuris, 294  
 Prateus, 236  
 Priacma, 153  
 Priobium, 242  
 Priocera, 149  
 Priognathus, 161  
 Prioni, 266  
 Prionina, 266  
 Prioninæ, 265  
 Prionini, 266  
 Prionochæta, 87  
 Prionochthebius, 82  
 Prionocyphon, 188  
 Prionodera, 152  
 Prionomerini, 324  
 Prionomerus, 324, 362  
 Prionostichæus, 152  
 Prionus, 266  
 Pristodactyla, 62  
 Pristonychus, 63  
 Pristoscelis, 146  
 Probatius, 284  
 Probosca, 154  
 Procas, 318, 362  
 Prochætocnema, 360  
 Procirri, 100  
 Procryphalus, 340  
 Proctorus, 320  
 Proderops, 235  
 Prognatha, 92  
 Prolyctus, 206  
 Promecognathini, 47  
 Promecognathus, 47  
 Promecopinæ, 312  
 Promecopini, 312  
 Promecops, 312  
 Promecotarsus, 319  
 Prometopia, 196, 356  
 Prometopion, 221  
 Promus, 227  
 Proplectus, 128  
 Prorhexius, 129  
 Prostenus, 219  
 Prostephanus, 245  
 Prostomis, 199  
 Protacnæus, 355  
 Protapate, 358  
 Proteinini, 93  
 Proteinus, 93  
 Proteleates, 357  
 Prothalia, 239  
 Protheca, 243  
 Protinus, 93  
 Protoncideres, 359  
 Protoplatycera, 357  
 Psalidonota, 304  
 PSALLIDIIDÆ, 310  
 Psallidiinæ, 312  
 Psammobiini, 251  
 Psammobius, 251  
 Psammodius, 251  
 Psammœchus, 200  
 Psammœcus, 200  
 Psapharochrus, 282  
 PSELAPHIDÆ, 127  
 Pselaphini, 131  
 Pselaphus, 131  
 Pselaptrichus, 131  
 Pselaptus, 130  
 Psenocerini, 281  
 Psenocerus, 281  
 PSEPHENIDÆ, 185, 355  
 Psephenus, 185, 355  
 Pseudacratus, 254  
 Pseudactium, 128  
 Pseudalindria, 193  
 Pseudallonyx, 148  
 Pseudamphasia, 73  
 Pseudanthonomus, 324  
 Pseudaphonus, 261  
 Pseudaptinus, 65  
 Pseudargutor, 58  
 Pseudariotus, 165  
 Pseudebæus, 146  
 Pseudeleodes, 227  
 Pseudelissa, 312  
 Pseudepierus, 137  
 Pseudibidion, 270  
 Pseudischyrus, 201  
 Pseudoacalles, 333  
 Pseudobaris, 327  
 Pseudocistela, 218, 357  
 Pseudocleis, 217  
 Pseudoclerus, 149  
 Pseudocœlus, 231  
 Pseudocryphalus, 338  
 Pseudocyphus, 313  
 Pseudohylesinus, 338  
 Pseudolampsini, 299  
 Pseudolampsis, 299  
 Pseudolathra, 102  
 Pseudolesteva, 95  
 Pseudolomechusa, 115  
 Pseudolucanus, 264  
 Pseudomedon, 104  
 Pseudomegista, 119  
 Pseudomicronyx, 319  
 Pseudomorpha, 75  
 Pseudomorphinæ, 75  
 Pseudomus, 332

- Pseudonomareus, 43  
 Pseudonosoderma, 223  
 Pseudopachymerus, 305  
 Pseudopelta, 87  
 Pseudopentarthrum, 335  
 Pseudophanus, 200  
 Pseudopityophthorus, 341  
 Pseudopsini, 93  
 Pseudopsis, 93  
 Pseudorus, 104  
 Pseudoscopæus, 124  
 Pseudota, 122  
 Pseudotrimium, 128  
 Pseudotyrus, 132  
 Pseudoweisea, 213  
 Pseudoxenini, 344  
 Pseudoxenos, 344  
 Pseudoxyletinus, 242  
 Psilocnemis, 263  
 Psiloptera, 179  
 Psilopyga, 196  
 Psiloscelis, 136  
 Psoa, 245  
 Psoini, 245  
 Psomophus, 89  
 Psomus, 329  
 Psydrini, 49  
 Psydrus, 49  
 Psylliodes, 302  
 Psylliodini, 302  
 Psyllobora, 215  
 Psylloborini, 215  
 Psyrassa, 270  
 Pteleobius, 338  
 Ptenidium, 132  
 PTEROCOLIDÆ, 308  
 Pterocolinæ, 309  
 Pterocolus, 309  
 Pterocyclon, 339  
 Pteroloma, 87  
 Pteropalus, 71  
 Pterophorus, 152  
 Pteroplatini, 279  
 Pteroplatus, 279  
 Pterostichini, 55  
 Pterostichus, 55, 350  
 Pterotini, 142  
 Pterotus, 142  
 Pteryngium, 203  
 Pteryx, 133  
 PTILIIDÆ, 132  
 Ptilinæ, 132  
 Ptiliini, 132  
 Ptilinini, 244  
 Ptilinus, 244  
 Ptiliola, 133  
 Ptiliolus, 133  
 Ptilium, 132  
 Ptilodactyla, 188  
 Ptilodactylinæ, 188  
 Ptilopus, 313  
 Ptinella, 133  
 Ptinellodes, 133  
 PTINIDÆ, 240  
 Ptinini, 240  
 Ptinodes, 242  
 Ptinus, 240  
 Ptochus, 314  
 Ptomaphagus, 87  
 Ptosima, 178, 355  
 Ptychodes, 281  
 Ptychomus, 178  
 Pullus, 213  
 Purpuricenus, 279  
 Pyanisia, 237  
 Pynacritus, 138  
 Pynobaris, 327  
 Pynoglypta, 94  
 Pynomerini, 206  
 Pynomerus, 206  
 Pynonotida, 224  
 Pynophus, 89  
 Pynoplectus, 128  
 Pynotomina, 198  
 Pynorus, 104  
 Pygmæopsis, 284  
 Pyractomena, 141  
 Pyrectosoma, 141  
 Pyrochroa, 161  
 PYROCHROIDÆ, 161  
 Pyrophorina, 167  
 Pyrophorinæ, 166  
 Pyrophorini, 166  
 Pyrophorus, 167  
 Pyropyga, 141  
 Pyrota, 157  
 Pyrotrichus, 274  
 PYTHIDÆ, 161, 354  
 Pytho, 161  
 Pythoceropsis, 354  
 Pyticera, 151  
 Pytna, 132  
 Quadrifrons, 197  
 Quediellus, 109  
 Quedii, 109  
 Quediini, 109  
 Quediochrus, 110  
 Quedionuchus, 109  
 Quedius, 109, 352  
 Rafonus, 127  
 Ramecia, 129  
 Ramona, 104  
 Raphirus, 110  
 Reania, 122  
 Refonia, 57  
 Reichenbachia, 130  
 Rembus, 62, 350, 364  
 Remus, 108  
 Renardia, 95  
 Renocis, 338  
 Retocomus, 162  
 Revelieria, 208  
 Rhabdophorus, 292  
 Rhabdopterus, 292  
 Rhacius, 236  
 Rhadalina, 148  
 Rhadalus, 148  
 Rhadine, 63, 243  
 Rhæboscelis, 184  
 Rhagium, 271  
 Rhagodera, 205  
 Rhagoderidea, 357  
 Rhagoderini, 205  
 Rhagonycha, 143  
 Rhamphocolus, 335  
 Rhanis, 209  
 Rhantus, 80  
 Rheobioma, 125  
 Rheochara, 125  
 Rheocharella, 125  
 Rhexidius, 129  
 Rhexius, 129  
 Rhigopsis, 311  
 Rhinandrus, 235  
 Rhinini, 336  
 Rhinomacer, 308  
 Rhinomacerinæ, 308  
 Rhinomalus, 200  
 Rhinoneus, 331  
 Rhinoplatia, 154  
 Rhinoscepsis, 128  
 Rhinosimus, 161  
 Rhinotragini, 275  
 RHIPICERIDÆ, 166  
 Rhipidandrinæ, 232  
 Rhipidandrus, 232  
 Rhipidophorus, 157  
 Rhipiphoria, 262  
 RHIPIPHORIDÆ, 156, 353  
 Rhipiphorini, 156  
 Rhipiphorus, 157  
 Rhizobiini, 214  
 Rhizobius, 214  
 Rhizopertha, 245  
 RHIZOPHIAGIDÆ, 197  
 Rhizophagus, 197  
 Rhodeota, 122  
 Rhodobæus, 335  
 Rhombodera, 67  
 Rhombonalia, 258  
 Rhombonyx, 258  
 Rhopalomerus, 277  
 Rhopalopachys, 277  
 Rhopalophora, 278  
 Rhopalophorini, 278  
 Rhopalopleurus, 338  
 Rhopalopus, 275  
 Rhoptobaris, 327  
 Rhymbomicrus, 209  
 Rhymbus, 209  
 Rhyncheros, 140  
 Rhynchites, 308, 360  
 Rhynchitinæ, 308  
 Rhynchitini, 308  
 RHYNCHOPHORA, 306 \*  
 Rhynchophorini, 335  
 Rhynchophorus, 335  
 Rhyncolini, 334  
 Rhyncolus, 335  
 Rhypobius, 91  
 Rhypodes, 315  
 Rhypodillus, 315  
 Rhysodes, 193  
 RHYSODIDÆ, 193  
 RHYSODOIDEA, 193  
 Rhysosternum, 363  
 Rhyssematus, 332  
 Rhyssemus, 251  
 Rhytidosomus, 331  
 Rhyzobius, 214  
 Riley, 141  
 Rileyonymus, 331

\* See List of Errata.

- Riponus, 266  
 Romaleum, 269  
 Ropalopus, 275  
 Roplisa, 263  
 Rosalia, 275  
 Rovalida, 119  
 Rues, 237  
 Rugilus, 104  
 Rushia, 239  
 Rutela, 260  
 Rutelinæ, 258  
 Rutelini, 259  
 Rutidosoma, 331  
 Rybaxis, 131  
 Rypobius, 91  
 Ryssematus, 332, 363
- Sableta, 121  
 Saciini, 92  
 Sacium, 92  
 Sacodes, 188  
 Sagola, 127  
 Sagrinæ, 286  
 Salebius, 202  
 Sallea, 150  
 Salpingus, 161  
 Sandalus, 166  
 Sandytes, 165  
 Sangaria, 301  
 Saperda, 284, 359  
 Saperdini, 284  
 Saperdirhynchus, 360  
 Saphanini, 267  
 Sapintus, 164  
 Sapotes, 311  
 Saprini, 138  
 Saprinus, 138  
 Sarpedon, 176  
 Saurohypnus, 105  
 Saxinis, 288, 359  
 Scæother, 201  
 Scalenarthrus, 130  
 Scalidia, 199  
 Scalopterus, 146  
 Scanylus, 165  
 Scaphidema, 233  
 SCAPHIDIDÆ, 134  
 Scaphidiini, 134  
 Scaphidium, 134  
 Scaphinotus, 43  
 Scaphinus, 267  
 Scaphiomicrus, 134  
 Scaphisoma, 134  
 Scaphisomini, 134  
 Scaphium, 134  
 Scaptolenopsis, 355  
 Scaptolenus, 166  
 SCARABÆIDÆ, 248, 358, 364  
 Scarabæini, 248  
 SCARABÆOIDEA, 248  
 Scarites, 47  
 Scaritini, 47  
 Scaurini, 226 \*  
 Scelidini, 297  
 Scelodontini, 292  
 Scelolyperus, 297  
 Schedarosus, 234  
 Schistoceros, 244  
 Schistoglossa, 116  
 Schistosiphon, 343  
 Schizax, 279  
 Schizillus, 224  
 Schizogenius, 48  
 Schizomicrus, 320  
 Schizonotus, 320  
 Schizophilus, 177  
 Schizopini, 178  
 Schizopus, 179  
 Schizotus, 161  
 Schœnicus, 222  
 Sciabregma, 363  
 Sciaphilini, 313  
 Sciaphilus, 313  
 Scierus, 338  
 Sciocharella, 103  
 Sciocharis, 103  
 Sciopithes, 314  
 Scirtes, 188  
 Sclerocerus, 268  
 Sclerodes, 187  
 Scrobicia, 244  
 Scolochrus, 289  
 SCOLYTIDÆ, 337, 363  
 Scolytinæ, 337  
 Scolytini, 337  
 SCOLYTOIDEA, 337  
 Scolytus, 337  
 Scopæi, 104  
 Scopæodera, 104  
 Scopæoma, 104  
 Scopæopsis, 104  
 Scopæus, 104  
 Scopophus, 89  
 Scotias, 240  
 Scotobænus, 235  
 Scotobates, 235  
 Scotochroa, 239  
 Scotodes, 240  
 Scraptia, 239  
 Scraptiini, 239  
 Scutopterus, 80  
 SCYDMÆNIDÆ, 89  
 Scydmaninæ, 89  
 Scydmanini, 90  
 Scydmanus, 90  
 Scymnillini, 214  
 Scymnillus, 214  
 Scymnini, 213  
 Scymnobiis, 213  
 Scymnus, 213  
 Scyphophorus, 335, 363  
 Seythropus, 313, 361  
 Selenalius, 72  
 Selenophori, 71  
 Selenophorus, 71  
 Selvadius, 213  
 Semanotus, 275  
 Semiris, 127  
 Scpidulum, 83  
 Serica, 254, 358  
 Sericini, 254  
 Sericoderini, 92  
 Sericoderus, 92  
 Sericosomina, 172  
 Sericosomus, 172  
 Sericus, 172  
 Sermyla, 298  
 Sermylini, 298  
 Sermysatus, 332  
 Serriger, 150  
 Serropalpus, 239  
 Sexarthrus, 323  
 Siagonium, 92  
 Sibinia, 321  
 Sibiota, 121  
 Sibynes, 321  
 Sicinus, 233  
 Sicyobius, 284  
 Silis, 144  
 Silpha, 87, 351  
 SILPHIDÆ, 86, 351  
 Silphini, 86  
 Silusa, 114  
 Silusida, 115  
 Silvanini, 198  
 Silvanophlœus, 199  
 Silvanus, 198  
 Simoini, 314  
 Simplocaria, 191  
 Simplocariini, 191  
 Simplona, 128  
 Sinodendrinæ, 265  
 Sinodendron, 265  
 Sinoxylon, 244  
 Sipalia, 121  
 Sipaliella, 121  
 Sisenes, 154  
 Sitarini, 160  
 Sitodrepa, 242, 358  
 Sitona, 315, 361  
 Sitones, 315  
 Sitonini, 315  
 Sitophagus, 234  
 Sitophilus, 336  
 Smicraulax, 322  
 Smicripinæ, 198  
 Smicrips, 198  
 Smicronychi, 318  
 Smicronyx, 319  
 Smicrophus, 90  
 Smicrorhynchus, 362  
 Smicrus, 133  
 Smileceras, 279  
 Smilia, 213  
 Smodicini, 267  
 Smodicum, 267  
 Sognorus, 131  
 Soliusa, 125  
 Somatium, 113  
 Sonoma, 127  
 Sonomota, 121  
 Soronia, 196  
 Sosylus, 206  
 Sotenus, 270  
 Spalacopsis, 284  
 Sparedrus, 153  
 Spartophila, 296  
 Spathinus, 64  
 Spathizus, 142  
 Spectralia, 180  
 Sperchopsis, 84  
 Spermatoplex, 340  
 SPERMOPHAGIDÆ, 304  
 Spermophagus, 306, 360

\* See List of Errata.



- Sphaenothecus, 280  
 Sphaericus, 240  
 Sphaeridiinae, 85  
 Sphaeridium, 85  
 SPHÆRIIDÆ, 133  
 Sphaerionini, 270  
 Sphaeriontis, 229  
 Sphaerites, 134  
 SPHÆRITIDÆ, 134  
 Sphaerius, 133  
 Sphaeroderma, 300  
 Sphaeroderus, 44  
 Sphaeromorphus, 253  
 Sphalera, 155  
 Sphalma, 161  
 Sphenophorini, 335  
 Sphenophorus, 335  
 Sphenostethus, 266  
 SPHINDIDÆ, 246  
 Sphindocis, 247  
 Sphindus, 246  
 Spilodiscus, 135  
 Spilosota, 260  
 Spilota, 216, 259  
 Spilotus, 239  
 Spinthoptera, 179  
 Spodotribus, 363  
 SPONDYLIDÆ, 267  
 Spondyliini, 267  
 Spondylis, 267, 359  
 Spongopus, 73  
 Sponidium, 153  
 Stachygraphis, 95  
 Stagetus, 243  
 Stamnoderus, 105  
 Stamoderes, 313  
 Staphylini, 106  
 STAPHYLINIDÆ, 92, 352  
 Staphylininae, 105  
 Staphylinini, 106  
 Staphylinites, 352  
 STAPHYLINOIDEA, 86  
 Staphylinus, 108, 352  
 Statira, 237  
 Statirini, 237  
 Steatoderina, 172  
 Steatoderini, 172  
 Steganus, 361  
 Stegobium, 242  
 Steirastoma, 282  
 Stelidota, 196  
 Stenæsthetini, 100  
 Stenancylus, 334  
 Stenaspini, 279  
 Stenaspis, 279  
 Stencorus, 271  
 Steneleodes, 228  
 Stenelmis, 186  
 Steninae, 98  
 Stenini, 98  
 Stenispia, 303  
 Stenobaris, 327  
 Stenocellus, 74  
 Stenochia, 237  
 Stenochidus, 218  
 Stenocolus, 187  
 Stenocorus, 271  
 Stenocrepis, 69  
 Stenodema, 193  
 Stenodontes, 265  
 Stenolophus, 74, 350  
 Stenomimus, 334  
 Stenomorphi, 72  
 Stenomorphus, 72  
 Stenopelmus, 319  
 Stenopodius, 303  
 Stenopterini, 275  
 Stenoptochus, 314  
 Stenoscelis, 335  
 Stenosides, 224  
 Stenosphenini, 278  
 Stenosphenus, 278, 359  
 Stenostrophia, 273  
 Stenotarsini, 209  
 Stenotarsus, 209  
 Stenothorax, 258  
 Stenotrachelini, 240  
 Stenotrachelus, 240  
 Stenotrichus, 236  
 Stenous, 69  
 Stenura, 272  
 Stenuris, 180  
 Stenus, 98, 352  
 Stenusa, 114  
 Stephanocleonus, 325  
 Stephanoderes, 340  
 Stephanopachys, 245  
 Stephanuca, 263  
 Stephostethus, 207  
 Stereocerus, 60  
 Stereopalpus, 162  
 Stereosa, 181  
 Steriphanus, 220  
 Sternechini, 326  
 Sternechus, 326  
 Sternidius, \*  
 STERNOXIA, 165  
 Sternuchus, 326  
 Steropus, \*  
 Stethasida, 226  
 Stethobaris, 328  
 Stetholiodes, 88  
 Stethon, 176  
 Stethorus, 213  
 Stethoxus, 84  
 Stethusa, 118  
 Stibia, 222  
 Stichoglossa, 126  
 Stichtoptychus, 243  
 Stictalia, 114  
 Stictobaris, 327  
 Stictocera, 179  
 Stictocranius, 100  
 Stictodera, 221  
 Stictolinus, 106  
 Stictostix, 137  
 Stigmatoma, 219  
 Stilbolemma, 254  
 Stilbolidus, 73  
 Stilbus, 210  
 Stilici, 104  
 Stilicolina, 104  
 Stilicopses, 104  
 Stilicopsis, 104  
 Stilicus, 104  
 Stiraderes, 360  
 Stolonis, 59  
 Storthephora, 236  
 Strangalepta, 273  
 Strangalia, 273  
 Strangalina, 274  
 Strategodes, 261  
 Strategus, 261, 358, 364  
 Stratus, 127  
 STREPSIPTERA, 343  
 Strigocis, 247  
 Strigoderma, 259  
 Strigodermella, 259  
 Strigota, 123  
 Stromatium, 268  
 Strongylaspis, 265  
 Strongyliinae, 237  
 Strongylium, 237  
 Strongylus, 196  
 Strophiona, 273  
 Strophosoma, 313  
 STYLOPIDÆ, 343  
 Stylops, 343  
 Styloxus, 268  
 Sulcacis, 247  
 Sunii, 105  
 Sunius, 105  
 Suphis, 76  
 Suphisini, 76  
 Sydates, 148  
 Sydatopsis, 147  
 Symbiochara, 116  
 Symbiotes, 210  
 Symphora, 239  
 Synaphœta, 281  
 Synaptina, 121  
 Syncalypta, 192  
 Synchronita, 205  
 Synchronitini, 205  
 Synchronroa, 238, 358  
 Synchronroini, 238  
 Synchytodes, 205  
 Synertha, 319  
 Syneta, 287  
 Synetocephalus, 297  
 Synolabus, 309  
 Synstrophus, 238  
 Syntomium, 95  
 Syntomostylus, 361  
 Syringobidia, 197  
 Systema, 301, 360  
 Systemini, 301  
 Systemocerus, 264  
 Tachinomorphus, 111  
 Tachinus, 110, 352  
 Tachistodes, 74  
 Tachycellus, 73  
 TACHYGONIDÆ, 308  
 Tachygoninae, 310  
 Tachygonus, 310  
 Tachymenis, 54  
 Tachyporinae, 110  
 Tachyporini, 110  
 Tachyporus, 111, 352  
 Tachypterellus, 322  
 Tachypterus, 322  
 Tachypus, 49  
 Tachys, 54, 350

\* See List of Errata,

- Tachysalia, 53  
 Tachysops, 53  
 Taehyta, 54  
 Taehyura, 53  
 Tachyusa, 120  
 Tænobætes, 235  
 Talaninæ, 237  
 Talanus, 237  
 Tanaops, 146  
 Tanarthropsis, 164  
 Tanarthrus, 164  
 Tanilotes, 165  
 Tanygnathi, 109  
 Tanygnathus, 109  
 Tanymecinæ, 312  
 Tanymechini, 312  
 Tanymecus, 312, 361  
 Tanyrhinus, 93  
 Tanysphyrus, 320  
 Taphrocerus, 185  
 Taphrodota, 120  
 Taphroscelidia, 199  
 Taphroscydmus, 90  
 Taranomis, 280  
 Taraxis, 287  
 Taricanus, 284  
 Tarpela, 236  
 Tarphiota, 119  
 Tarsostenus, 152  
 Taxicerella, 122  
 Teenophilus, 66  
 Tedinus, 218  
 Tegrodera, 159  
 Telabis, 220  
 TELEGEUSIDÆ, 152  
 Telegcusis, 152  
 Telephanini, 200  
 Telephanus, 200  
 TELEPHORIDÆ, 142  
 Telephorus, 143  
 Telesicles, 218  
 Teliusa, 123  
 Telmatophilini, 202  
 Telmatophilus, 202  
 Temnochila, 193  
 TEMNOCHILIDÆ, 193  
 Temnopsophus, 145  
 Tenaspis, 141  
 Tenebrio, 235, 357  
 Tenebriodini, 193  
 Tenebrioides, 194  
 Tenebrionellus, 235  
 TENEBRIONIDÆ, 219, 357  
 Tenebrioninæ, \* 226, 235  
 TENEBRIONOIDEA, 218  
 Tenebroides, 194, 356  
 Tenillus, 361  
 Tentyriinæ, 219  
 Teraops, 137  
 Terasota, 120  
 Teretriosoma, 136  
 Teretrius, 136  
 Teretrum, 361  
 Termitogaster, 116  
 Tesnus, \*  
 Tassaropa, 268  
 Tetartopeus, 102  
 Tetracha, 40  
 Tetragonoderus, 65  
 Tetralina, 113  
 Tetrallus, 116  
 Tetramedon, 103  
 Tetranodus, 278  
 Tetraonyx, 159, 354  
 Tetraopes, 285  
 Tetraopini, 285  
 Tetrapriocera, 244  
 Tetratoma, 238  
 Tetratomini, 238  
 Tetropium, 267  
 Tetrops, 285  
 Teuehstes, 249  
 Tevales, 95  
 Texania, 179  
 Thalassa, 212  
 Thalassotrechus, 55  
 Thalpius, 65  
 Thalyera, 197  
 Thamiaræa, 116  
 Thanasimus, 149  
 Thanatophilus, 87  
 Thaneroelerus, 151  
 Tharops, 176  
 Tharsus, 234  
 Thaumaglossa, \*190  
 Theca, 243  
 Thecesterninæ, 333  
 Thecesternus, 333  
 Thectura, 114  
 Thecturota, 114  
 Thelydrias, 189  
 Thermoneetes, 81  
 Thermonectini, 81  
 Thesalia, 274  
 Thesiastes, 128  
 Thesium, 128  
 Thia, 268  
 Thiasophila, 126  
 Thicanus, 163  
 Thinobii, 97  
 Thinobius, 97  
 Thinoeharis, 103  
 Thinophilus, 97  
 Thinopinus, 109  
 Thinoxenus, 315  
 Thinusa, 114  
 Thoracophori, 93  
 Thoracophorus, 93  
 Threnus, 224  
 Thricolema, 287  
 Thricolepis, 315  
 Thrieomigus, 311  
 Thrimolus, 204  
 Thrincopyge, 179  
 Thrincopygini, 179  
 THROSCIDÆ, 177, 355  
 Throscini, 177  
 Throscinus, 185  
 Throscus, 177  
 Thryallis, 282  
 Thyce, 257  
 Thylacites, 313  
 Thylacitini, 313  
 Thylodrias, 189  
 Thylodriinæ, 189  
 Thymalus, 194  
 Thysanocnemis, 320  
 Thysanoes, 339  
 Tilargus, 204  
 Tilea, 95  
 Tillini, 148  
 Tilloelytus, 278  
 Tillomorpha, 278  
 Tillomorphini, 278  
 Tillus, 149  
 Timarcha, 294  
 Timarchini, 294  
 Tinopus, 278  
 Tinotus, 116  
 Tipnus, 240  
 Tisaetia, 204  
 Tisiphone, 198  
 Tisiphoninæ, 198  
 Tithanus, 125  
 Tmesiphorus, 132  
 Tomarus, 202  
 Tomieus, 339, 341  
 Tomoderus, 163  
 Tomoglossa, 116  
 Tomolips, 335  
 Tomoxia, 154, 353  
 Tonibiastes, 232  
 Tonibius, 232  
 Toposcopus, 156  
 Tosastes, 311  
 Tostegoptera, 255  
 Toxidium, 134  
 Toxonotus, 307  
 Toxorhynchus, 361  
 Toxotopsis, 271  
 Toxotropis, 306  
 Toxotus, 271  
 Trachelizus, 306  
 Trachelonepha, 50  
 Trachodes, 320  
 Trachodini, 320  
 Trachyderini, 280  
 Trachykele, 179  
 Trachyota, 123  
 Trachypachini, 43  
 Trachypachus, 43  
 Trachyphlœini, 314  
 Trachyphlœus, 314  
 Trachypteris, 181  
 Trachyscelida, 297  
 Trachyscelinæ, 232  
 Trachyscelis, 232  
 Trachysectus, 103  
 Trachysida, 274  
 Tragidion, 279  
 Tragosoma, 266  
 Tragosomæ, 266  
 Traumœcia, 119  
 Trechicus, 64  
 Trechonepha, 50  
 Trechus, 55, 350  
 Trepobaris, 327  
 Triæna, 61  
 Triachus, 292  
 Triarius, 297  
 Triarthron, 88  
 Tribalister, 137  
 Tribalus, 137  
 Tribolium, 234

- Tribrachys, 195  
 Trichacorynus, 334  
 Trichalophus, 316  
 Trichaltica, 300  
 Trichelcodes, 227  
 Trichestes, 255  
 Trichiasida, 225  
 Trichiini, 263  
 Trichiorhyssemus, 251  
 Trichiotes, 222  
 Trichiotinus, 264  
 Trichischius, 336  
 Trichius, 264  
 Trichiusa, 116  
 Trichobaris, 327  
 Trichobaropsis, 322  
 Trichocellus, 73  
 Trichochrous, 146, 353  
 Trichocnemis, 265  
 Trichodes, 150  
 Trichodesma, 242  
 Trichomagdalis, 322  
 Trichonychini, 129  
 Trichonyx, 129  
 Trichophorus, 172  
 Trichophya, 112  
 Trichophyinae, 112  
 Trichophyini, 112  
 Trichopsenius, 110  
 Trichoscelis, 279  
 TRICHOPTERYGIDÆ, 132  
 Trichopteryx, 133  
 Trichotheca, 292  
 Trichoton, 232  
 Trichoxys, 276  
 Tricopseniini, \*  
 Tricrania, 160  
 Tricraniides, 160  
 Tricraniodes, 160  
 Tricrepidius, 174  
 Trientoma, 221  
 Trientomini, 221  
 Triga, 93, 352  
 Triglyphulus, 316  
 Triglyphus, 316  
 Trigonodemus, 93  
 Trigonogenius, 240  
 Trigonogya, 185  
 Trigonopeltastes, 263  
 Trigonophorus, 109  
 Trigonopselaphus, 109  
 Trigonoscuta, 314, 361  
 Trigonoscutini, 314  
 Trigonuri, 92  
 Trigonurus, 92  
 Triliarthrus, 73  
 Trimiomelba, 128  
 Trimioplectus, 128  
 Trimiopsis, 128  
 Trimitomerus, 161  
 Trimium, 128  
 Trimytini, 221  
 Trimytis, 221  
 Trinodia, 263  
 Trinodini, 191  
 Triodoclytus, 278  
 Triorophini, 222  
 Triorophus, 222  
 Trioxocera, 343  
 Triozocera, 343  
 Triphalus, 222  
 Triphyllus, 238  
 Triplacini, 201  
 Triplax, 201, 356  
 Triplectrus, 72  
 Trirhabda, 296, 359  
 Trischidias, 339  
 Tritoma, 201, 204, 356  
 TRITOMIDÆ, 204  
 TRIXAGIDÆ, 177  
 Trixagus, 177, 189  
 Troginae, 253  
 Trogloderus, 229  
 Trogodendron, 150  
 Trogoderma, 190  
 Trogophlœus, 95  
 Trogosita, 193, 356  
 TROGOSITIDÆ, 193  
 Trogoxylon, 245  
 Trogus, 81  
 Trophimus, 145  
 Tropideres, 307, 360  
 Tropiderini, 306  
 Tropinota, 263  
 Tropiphorini, 311  
 Tropisternus, 84, 351  
 Trox, 253, 358  
 Trypanorhynchus, 360  
 Trypherus, 144, 353  
 Trypodendron, 339  
 Trypophlœus, 340  
 Trypopitys, 242  
 Tychiini, 131  
 Tychini, 320  
 Tychius, 320, 362  
 Tychus, 131  
 Tyleus, 276  
 Tylicus, 191  
 Tylistus, 244  
 Tylocerina, 283  
 Tylocerma, 332  
 Tyloides, 332  
 Tylonotus, 268  
 Tylopterus, 320  
 Tylosis, 279  
 Tymnes, 293  
 Tympanophorus, 109  
 Tyndaris, 178  
 Typhæa, 204  
 Typhlogymma, 334  
 Typhlusechini, 223  
 Typhlusechus, 223  
 Typhobia, 233  
 Typitium, 153  
 Typocerus, 274  
 Typophorini, 294  
 Typophorus, 294  
 Tyrini, 132  
 Tyrus, 132  
 Tytthonyx, 142  
 Ulieota, 200  
 Ulitusa, 114  
 Ulkeus, 137  
 Ulochætes, 275  
 Uloma, 233, 234  
 Ulominae, 233  
 Ulopornus, 233  
 Ulosonia, 234  
 Ulus, 231, 357  
 Unamis, 95  
 Upis, 235  
 Upoluna, 132  
 Urodera, 288  
 Urographis, 283  
 Urophorus, 195  
 Uroplata, 303  
 Uroplatini, 303  
 Usechini, 223  
 Usechus, 223  
 Utobium, 241  
 Vacronini, 223  
 Vacronus, 223  
 Vacusus, 163  
 Valda, 131  
 Valenus, 283  
 Valenusa, 121  
 Valgus, 264  
 Vanonus, 165  
 Vasseletia, 306  
 Vatellinae, 76  
 Vatellini, 76  
 Vectura, 148  
 Vedalia, 214  
 Vellica, 95  
 Venusa, 115  
 Veraphis, 91  
 Verticinotus, 130  
 Vesperoctenus, 166  
 Vrillea, 242, 358  
 Wolcottia, 151  
 Wollastonia, 335  
 Wollastoniella, 335  
 Xanthochroa, 153  
 Xantholini, 105  
 Xantholinini, 105  
 Xantholinus, 105, 352  
 Xanthonia, 292  
 Xanthopygi, 109  
 Xanthopygus, 109  
 Xanthus, 324  
 Xarifa, 241  
 XENIDÆ, 343  
 Xeninae, 343  
 Xenini, 343  
 Xenistusa, 110  
 Xenochalcus, 303  
 Xenochara, 124  
 Xenoclerus, 150  
 Xenodusa, 115  
 Xenomedon, 103  
 Xenomycetes, 209  
 Xenops, 343  
 Xenorchestes, 307  
 Xenorchestini, 307  
 Xenorhipis, 181  
 Xenos, 343  
 Xenusa, 124  
 Xeranobium, 241  
 Xestipyge, 137

\* See List of Errata.



Nestobium, 241, 358  
 Nestocis, 247  
 Nestoleptura, 273  
 Nestolinus, 105  
 Nestonotus, 72  
 Nestophus, 89  
 Nesturida, 116  
 Xyleborinus, 342  
 Xyleborites, 363  
 Xyleborus, 342  
 Xyletinini, 242  
 Xyletinus, 242  
 Xyletomerus, 242  
 Xylita, 239  
 Xylobiops, 244  
 Xylobius, 176, 358  
 Xyloblaptus, 244  
 Xylocleptes, 342  
 Xylocrius, 276  
 Xylodromus, 94  
 Xylopertha, 244  
 XYLOPHILIDÆ, 165  
 Xylophilus, 165  
 Xylopinus, 235

Xyloryctes, 261  
 Xylosteus, 271  
 Xyloterinus, 339  
 Xyloterus, 339  
 Xylotrechus, 277  
 Xylotrogus, 245  
 Xystronia, 219  
 Xystropus, 219

Yuccaborus, 336

Zabrotes, 306  
 Zacotini, 68  
 Zacotus, 68  
 Zagloba, 214  
 Zaglyptus, 328  
 Zagymnus, 278  
 Zalobius, 95  
 Zamodes, 268  
 Zaploi, 284  
 Zaplous, 284  
 Zarhipis, 142  
 Zascelis, 333  
 Zenoa, 166

Zenodusus, 151  
 Zeugophora, 287  
 Zilora, 239  
 Zimiona, 194  
 Zolium, 128  
 Zonantes, 165  
 Zonitides, 160  
 Zonitinæ, 160  
 Zonitini, 160  
 Zonitis, 160  
 Zopherini, 222  
 Zopherodes, 223  
 Zopherus, 222  
 Zophobas, 235  
 Zuphium, 65  
 Zurcheria, 237  
 Zygocharinus, 329  
 Zygocharis, 329  
 Zygocharoides, 329  
 Zygocharisma, 295  
 Zygomiscus, 329  
 Zygonini, 329  
 Zygonus, 329  
 Zygon, 116





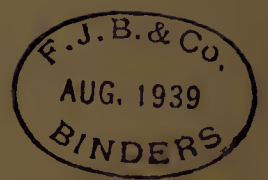




## Date Due

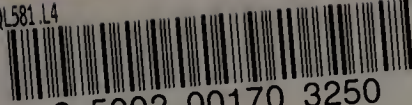
[illegible]

Library Bureau Cat. no. 1137



qQL581.L4

SCIII



3 5002 00170 3250

Leng, Charles William  
Catalogue of the Coleoptera of America,

ZOOLOGY LIBRARY

qQL  
581  
L4

111327



